

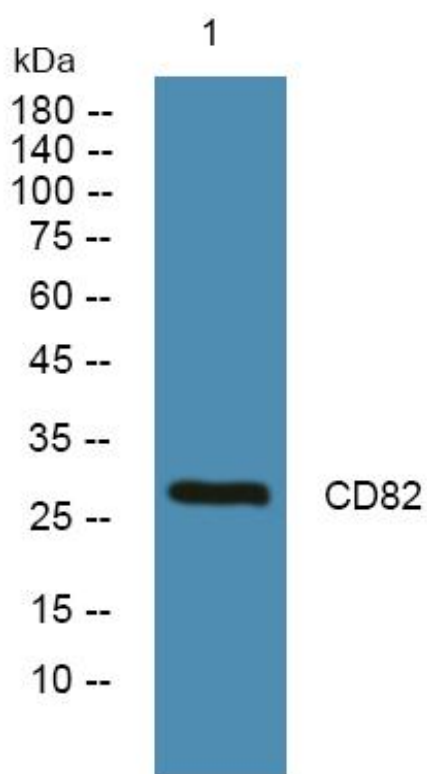


# CD82 Monoclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                | YP-mAb-16279                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity                | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name                 | CD82 KAI1 SAR2 ST6 TSPAN27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Protein Name              | CD82 antigen (C33 antigen) (IA4) (Inducible membrane protein R2) (Metastasis suppressor Kangai-1) (Suppressor of tumorigenicity 6 protein) (Tetraspanin-27) (Tspan-27) (CD antigen CD82)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Immunogen                 | Synthesized peptide derived from human protein . at AA range: 120-200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity               | CD82 Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formulation               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purification              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Dilution                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Stability         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Observed Band             | 29kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cell Pathway              | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tissue Specificity        | Lymphoid specific.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Function                  | function:Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Interacts directly with IGSF8.,tissue specificity:Lymphoid specific.,                                                                                                                                                                                                                                                                                                                                                                                        |
| Background                | This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008], |
| matters needing attention | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western Blot analysis of various cells using CD82 Monoclonal Antibody