

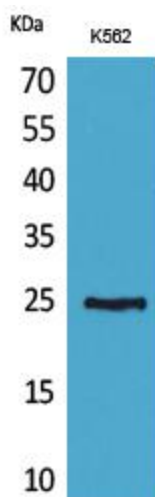


# CD7 Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-13983                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                   |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | CD7                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from the Internal region of human CD7. AA range:51-100                                                                                                                                                                                             |
| <b>Specificity</b>                 | CD7 Monoclonal Antibody detects endogenous levels of CD7 protein.                                                                                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                              |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                    | CD7 molecule;GP4;LEU-9;T cell antigen CD7;T cell leukemia antigen;CD7;T-cell antigen CD7;GP40;T-cell leukemia antigen;T-cell surface antigen Leu-9; TP41                                                                                                                                                          |
| <b>Observed Band</b>               | 25kD                                                                                                                                                                                                                                                                                                              |
| <b>Calculated Molecular Weight</b> | 25kD                                                                                                                                                                                                                                                                                                              |
| <b>Cell Pathway</b>                | Membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                                                    |
| <b>Tissue Specificity</b>          | Liver,Muscle,Spleen,                                                                                                                                                                                                                                                                                              |
| <b>Function</b>                    | function:Not yet known.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,subunit:Interacts with SECTM1.,                                                                                                                                                                                               |
| <b>Background</b>                  | This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b>   | 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 CD7 Monoclonal Antibody