



# MIC2 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-13946                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | IF;IHC;ELISA                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                   | CD99                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human CD99. AA range:11-60                                                                                                                                                                                                                        |
| <b>Specificity</b>                 | MIC2 Polyclonal Antibody detects endogenous levels of MIC2 protein.                                                                                                                                                                                                                                                   |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                               |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                 |
| <b>Dilution</b>                    | Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.                                                                                                                                                                                                                              |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | 12E7;CD99;CD99 antigen;CD99 molecule;E2 antigen;MIC2;MIC2X;MIC2Y; Protein MIC2;T cell surface glycoprotein E2;T-cell surface glycoprotein E2;CD antigen CD99                                                                                                                                                          |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Membrane ; Single-pass type I membrane protein .                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>          | Brain,Kidney,Skin,T-cell,Uterus,                                                                                                                                                                                                                                                                                      |
| <b>Function</b>                    | function:Involved in T-cell adhesion processes. It is involved in spontaneous rosette formation with erythrocytes.,miscellaneous:The gene encoding for this protein is located in the pseudoautosomal region 1 (PAR1) of X and Y chromosomes.,PTM:Extensively O-glycosylated.,similarity:Belongs to the CD99 family., |
| <b>Background</b>                  | The protein encoded by this gene is a cell surface glycoprotein involved in leukocyte migration, T-cell adhesion, ganglioside GM1 and transmembrane protein transport, and T-cell death by a caspase-independent pathway. In                                                                                          |



addition, the encoded protein may have the ability to rearrange the actin cytoskeleton and may also act as an oncosuppressor in osteosarcoma. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. There is a related pseudogene located immediately adjacent to this locus. [provided by RefSeq, Mar 2016],

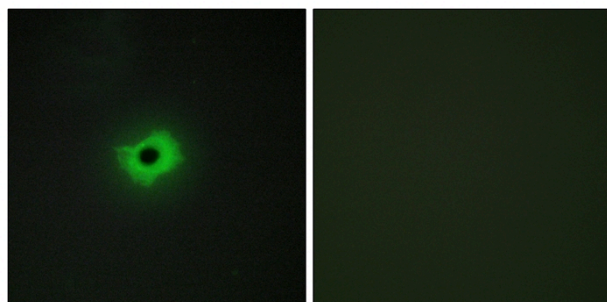
**matters needing attention**

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



Immunofluorescence analysis of COS7 cells, using CD99 Antibody. The picture on the right is blocked with the synthesized peptide.