

## CD99

**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**28kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human CD99

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CD99; HBA71; MIC2; MIC2X; MIC2Y; MSK5X; CD99 antigen; 12E7; E2 antigen; Protein MIC2;

T-cell surface glycoprotein E2;

**Catalog #:**A2028

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4267

**Isotype:**IgG

**Swiss Prot:**P14209

**Purity:**Affinity purification

For research use only.

**Background:**

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. Cyclophilin A binds to CD99 and may act as a signaling regulator of CD99. This gene is found in the pseudoautosomal region of chromosomes X and Y and escapes X-chromosome inactivation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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