

# CD99 Rabbit mAb

Catalog No.: A9791 **Recombinant**

## Basic Information

### Observed MW

28-30kDa

### Calculated MW

19kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC1752

## 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. 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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

4267

### Swiss Prot

P14209

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CD99 (NP\_002405.1).

### Synonyms

MIC2; HBA71; MIC2X; MIC2Y; MSK5X; CD99

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

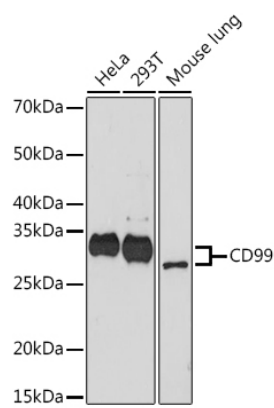
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using CD99 antibody (A9791) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.