

## CD99 monoclonal antibody

Catalog: MB22979

Host: Mouse

Reactivity: Human, Mouse

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

18.8kDa

### Swiss-Prot:

P14209

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 FC:1/200-1/400

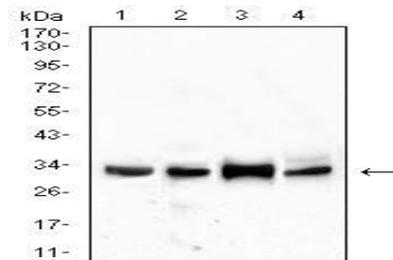
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

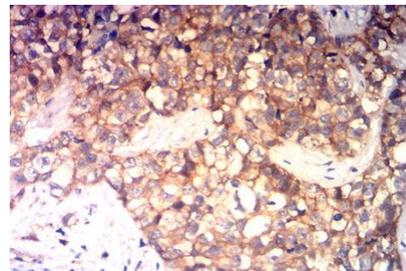
### Isotype:

Mouse IgG1

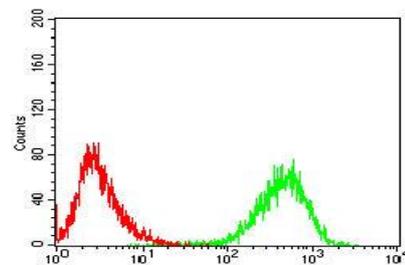
### DATA:



Western blot analysis using CD99 mouse mAb against THP-1 (1), U937 (2), MOLT4 (3), and L1210 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD99 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using CD99 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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