

CD2 monoclonal antibody

Catalog: MB22197

Host: Mouse

Reactivity: Human, Mouse

Background:

CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells (summarized by Sewell et al., 1986 [PubMed 3490670]). It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

39.4kDa

Swiss-Prot:

P06729

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:1/1000 - 1/4000 IHC:1/1000 - 1/4000 FC:1/500 - 1/1000

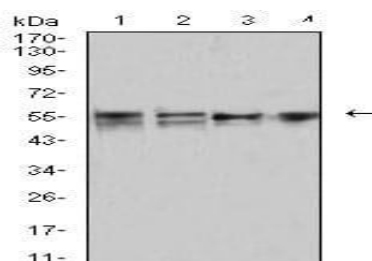
Storage&Stability:

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

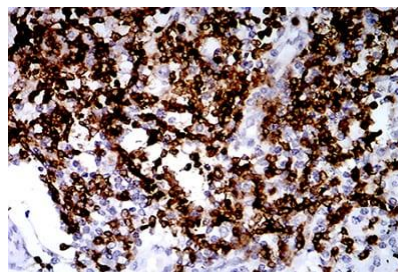
Isotype:

Mouse IgG1

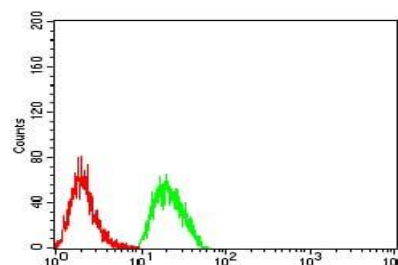
DATA:



Western blot analysis using CD2 mouse mAb against MOLT4 (1), MCF-7 (2), Hela (3), and L1210 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using CD2 mouse mAb with DAB staining.



Flow cytometric analysis of Hela cells using CD2 mouse mAb (green) and negative control (red).

Note:

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

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