



CD178 monoclonal antibody

Catalog: MB30023

Host: Armenian Hamster

Reactivity: Mouse

BackGround:

Tumor necrosis factor ligand superfamily member 6: Cytokine that binds to TNFRSF6/FAS, a receptor that transduces the apoptotic signal into cells. Involved in cytotoxic T-cell-mediated apoptosis, natural killer cell-mediated apoptosis and in T-cell development. Initiates fratricidal/suicidal activation-induced cell death (AICD) in antigen-activated T-cells contributing to the termination of immune responses. TNFRSF6/FAS-mediated apoptosis also has a role in the induction of peripheral tolerance. Binds to TNFRSF6B/DcR3, a decoy receptor that blocks apoptosis (By similarity)

Product:

Armenian Hamster IgG. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~31.4 kDa

Swiss-Prot:

Purification&Purity:

The antibody was purified by affinity chromatography.

Applications:

Storage&Stability:

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

Specificity:

Recognizes mouse CD178

DATA:

Western blot analysis of CD49b expression in NIH3T3 (A) whole cell lysates.

Immunohistochemical analysis of CD49b staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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