

**CD120a monoclonal antibody**

Catalog: MB30022

Host: Armenian Hamster

Reactivity: Mouse

BackGround:

Tumor necrosis factor receptor superfamily member 1A: Receptor for TNFSF2/TNF and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis (By similarity)

Product:

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

Molecular Weight:

~50.1 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 CD120a

DATA:

Western blot analysis of GOT1 expression in HEK293T (A), Hela (B), DLD (C), mouse heart (D), mouse brain (E), rat heart (F), rat brain (G) whole cell lysates.

Immunohistochemical analysis of GOT1 staining in human colorectal 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.

Immunofluorescent analysis of GOT1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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