

TNFRSF10B / DR5 monoclonal antibody

Catalog: MB0135

Host: Mouse

Reactivity: Human, Mouse

Background:

Tumor necrosis factor (TNF) is a pleiotropic cytokine whose function is mediated by two distinct cell surface receptors, designated TNF-R1 and TNF-R2, which are expressed on most cell types. TNF function is primarily mediated through TNF-R1 signaling. Both receptors belong to the growing TNF receptor superfamily which includes FAS antigen and CD40. TNF-R1 contains a cytoplasmic motif, termed the "death domain," that has been found to be necessary for the transduction of the apoptotic signal. The death domain is also found in several other receptors, including FAS, DR2 (or TRUNDD), DR3 (Death Receptor 3), DR4 and DR5. TRUNDD, DR4 and DR5 are receptors for the apoptosis-inducing cytokine TRAIL. A non-death domain-containing receptor, designated decoy receptor (DcR1 or TRID), also specifically associates with TRAIL and may play a role in cellular resistance to apoptotic stimuli.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size:40/48KDa

Observed band size:40/48KDa

Swiss-Prot:

O14763

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: 1:500~2000

ICC: 1:50~200

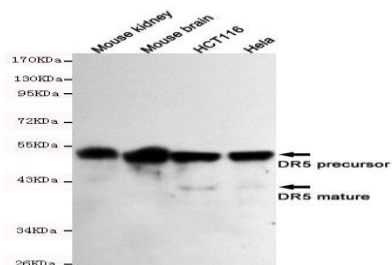
Storage&Stability:

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

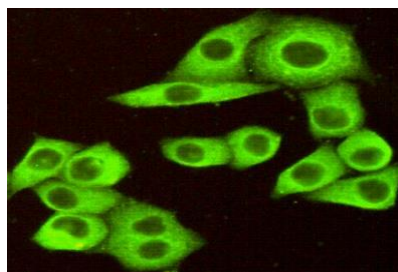
Specificity:

This antibody detects endogenous levels of TNFRSF10B and does not cross-react with related proteins

DATA:



Western blot detection of TNFRSF10B / DR5 antibody in Mouse kidney, Mouse brain, HCT116 and HeLa cell lysates using TNFRSF10B antibody (1:500-1:2000 diluted).



Immunocytochemistry of HeLa cells fixed by Paraformaldehyde and using anti-TNFRSF10B / DR5 antibody diluted 1:100.

Note:

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

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