

TNFRSF10B Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant TNFRSF10B.****Catalog # AT4271a****Specification**

TNFRSF10B Antibody (monoclonal) (M01) - Product Information

Application	IP, WB, E
Primary Accession	O14763
Other Accession	BC001281
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	47878

TNFRSF10B Antibody (monoclonal) (M01) - Additional Information**Gene ID** 8795**Other Names**

Tumor necrosis factor receptor superfamily member 10B, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2, TRAIL receptor 2, TRAIL-R2, CD262, TNFRSF10B, DR5, KILLER, TRAILR2, TRICK2, ZTNFR9

Target/Specificity

TNFRSF10B (AAH01281, 71 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

TNFRSF10B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

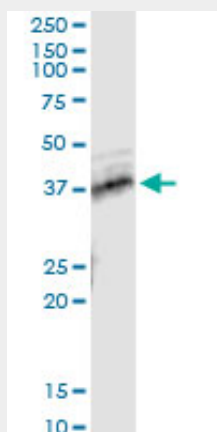
TNFRSF10B Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

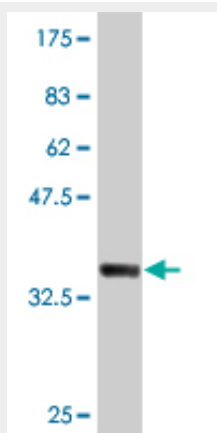
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

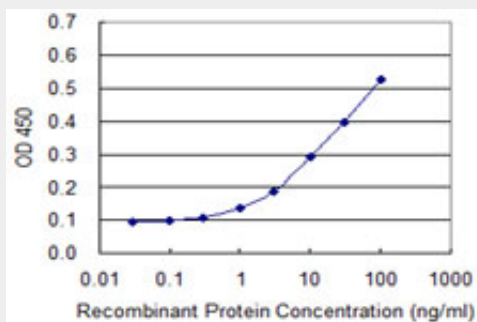
TNFRSF10B Antibody (monoclonal) (M01) - Images



Immunoprecipitation of TNFRSF10B transfected lysate using anti-TNFRSF10B monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with TNFRSF10B MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



Detection limit for recombinant GST tagged TNFRSF10B is approximately 1ng/ml as a capture antibody.

TNFRSF10B Antibody (monoclonal) (M01) - Background

The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.

TNFRSF10B Antibody (monoclonal) (M01) - References

Mutational analysis of death receptor genes Fas, TRAILR1 and TRAILR2 in prostate carcinomas. Park SW, et al. APMIS, 2010 Aug. PMID 20666744. Maternal genes and facial clefts in offspring: a comprehensive search for genetic associations in two population-based cleft studies from Scandinavia. Jugessur A, et al. PLoS One, 2010 Jul 9. PMID 20634891. Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Inhibition of tissue transglutaminase sensitizes TRAIL-resistant lung cancer cells through upregulation of death receptor 5. Frese-Schaper M, et al. FEBS Lett, 2010 Jul 2. PMID 20450916. TRAIL-induced apoptosis and expression of death receptor TRAIL-R1 and TRAIL-R2 in bladder cancer cells. Szliszka E, et al. Folia Histochem Cytobiol, 2009. PMID 20430723.