

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.

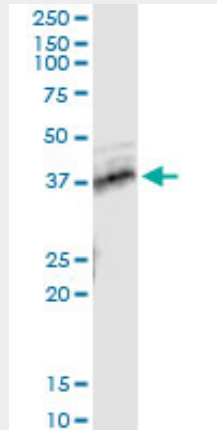
TNFRSF10B Antibody (monoclonal) (M01) - Protocols

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

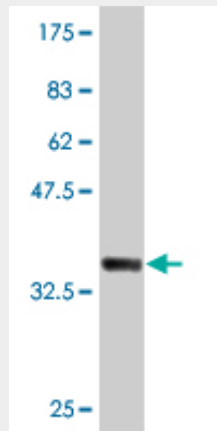
- [Western Blot](#)
- [Blocking Peptides](#)

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

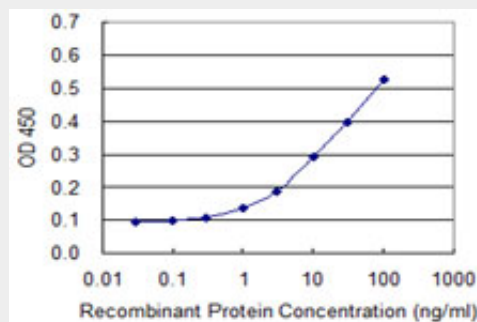
TNFRSF10B Antibody (monoclonal) (M01) - Images



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 Thiazolinedione-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.