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TNFRSF10B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TNFRSF10B.
Catalog # AT4271a

Product Information

Application	WB, IP, E
Primary Accession	O14763
Other Accession	BC001281
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2D6
Calculated MW	47878

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 IP~~N/A E~~N/A
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.

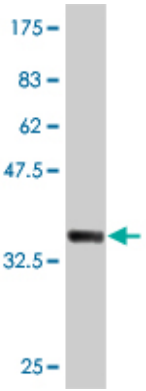
Background

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.

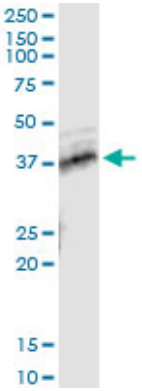
References

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.

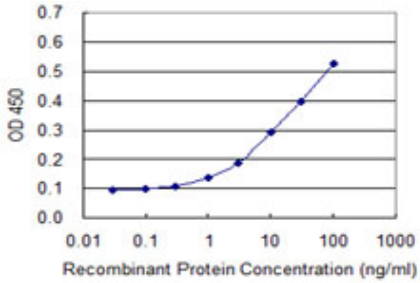
Images



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.