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TNFRSF10A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TNFRSF10A.
Catalog # AT4270a

Product Information

Application	WB, E
Primary Accession	O00220
Other Accession	BC012866
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2E9
Calculated MW	50089

Additional Information

Gene ID	8797
Other Names	Tumor necrosis factor receptor superfamily member 10A, Death receptor 4, TNF-related apoptosis-inducing ligand receptor 1, TRAIL receptor 1, TRAIL-R1, CD261, TNFRSF10A, APO2, DR4, TRAILR1
Target/Specificity	TNFRSF10A (AAH12866, 105 a.a. ~ 204 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	TNFRSF10A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

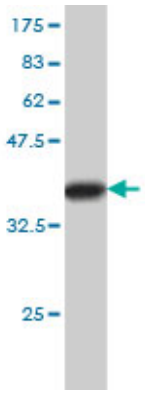
The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL), and thus transduces cell death signal and induces cell apoptosis. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein.

References

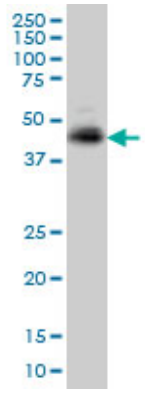
An approach based on a genome-wide association study reveals candidate loci for narcolepsy. Shimada M,

et al. Hum Genet, 2010 Oct. PMID 20677014.Mutational analysis of death receptor genes Fas, TRAILR1 and TRAILR2 in prostate carcinomas. Park SW, et al. APMIS, 2010 Aug. PMID 20666744.Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) induces chemotactic migration of monocytes via a death receptor 4-mediated RhoGTPase pathway. Wei W, et al. Mol Immunol, 2010 Sep. PMID 20638129.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.TNFR 2 M196R polymorphism and acne vulgaris in Han Chinese: a case-control study. Tian L, et al. J Huazhong Univ Sci Technolog Med Sci, 2010 Jun. PMID 20556591.

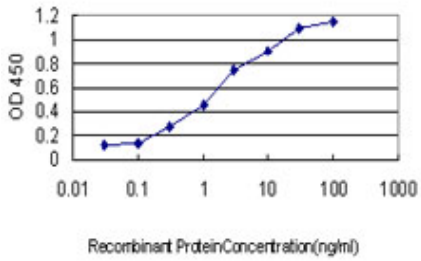
Images



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



TNFRSF10A monoclonal antibody (M01), clone 2E8 Western Blot analysis of TNFRSF10A expression in K-562 ((Cat # AT4270a)



Detection limit for recombinant GST tagged TNFRSF10A is approximately 0.03ng/ml as a capture antibody.

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