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TNFRSF19L Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TNFRSF19L.
Catalog # AT4278a

Product Information

Application	WB, E
Primary Accession	Q969Z4
Other Accession	NM_032871
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3F8
Calculated MW	46092

Additional Information

Gene ID	84957
Other Names	Tumor necrosis factor receptor superfamily member 19L, Receptor expressed in lymphoid tissues, RELT, TNFRSF19L
Target/Specificity	TNFRSF19L (NP_116260, 26 a.a. ~ 124 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	TNFRSF19L Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

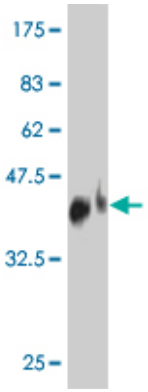
The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is especially abundant in hematologic tissues. It has been shown to activate the NF-kappaB pathway and selectively bind TNF receptor-associated factor 1 (TRAF1). This receptor is capable of stimulating T-cell proliferation in the presence of CD3 signaling, which suggests its regulatory role in immune response. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported.

References

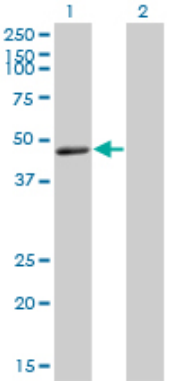
RELT induces cellular death in HEK 293 epithelial cells. Cusick JK, et al. Cell Immunol, 2010. PMID

19969290.TRAIL-induced cleavage and inactivation of SPAK sensitizes cells to apoptosis. Polek TC, et al. Biochem Biophys Res Commun, 2006 Oct 27. PMID 16950202.Interactions of tumor necrosis factor (TNF) and TNF receptor family members in the mouse and human. Bossen C, et al. J Biol Chem, 2006 May 19. PMID 16547002.The TNF receptor, RELT, binds SPAK and uses it to mediate p38 and JNK activation. Polek TC, et al. Biochem Biophys Res Commun, 2006 Apr 28. PMID 16530727.Identification of RELT homologues that associate with RELT and are phosphorylated by OSR1. Cusick JK, et al. Biochem Biophys Res Commun, 2006 Feb 10. PMID 16389068.

Images

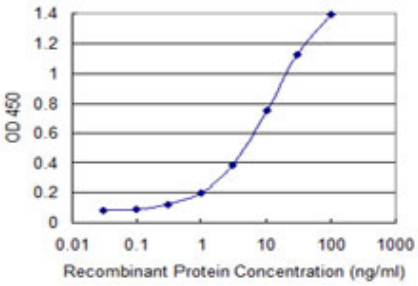


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .

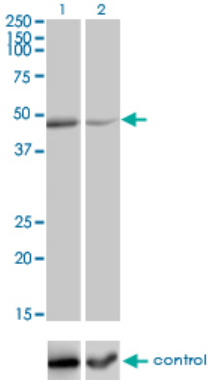


Western Blot analysis of TNFRSF19L expression in transfected 293T cell line by TNFRSF19L monoclonal antibody (M01), clone 3F8.

Lane 1: TNFRSF19L transfected lysate(46.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged RELT is 0.1 ng/ml as a capture antibody.



Western blot analysis of TNFRSF19L over-expressed 293 cell line, cotransfected with TNFRSF19L Validated Chimera RNAi ((Cat # AT4278a)

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