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TNFSF14 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant TNFSF14.
Catalog # AT4288a

Product Information

Application	WB, IHC, IP, E
Primary Accession	O43557
Other Accession	BC018058
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4E4
Calculated MW	26350

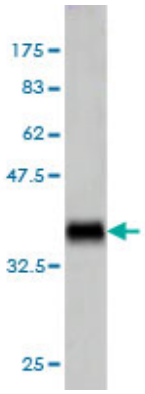
Additional Information

Gene ID	8740
Other Names	Tumor necrosis factor ligand superfamily member 14, Herpes virus entry mediator ligand, HVEM-L, Herpesvirus entry mediator ligand, CD258, Tumor necrosis factor ligand superfamily member 14, membrane form, Tumor necrosis factor ligand superfamily member 14, soluble form, TNFSF14, HVEML, LIGHT
Target/Specificity	TNFSF14 (AAH18058, 61 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 IHC~~1:100~500 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	TNFSF14 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

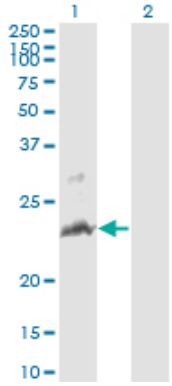
Background

The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq]

Images

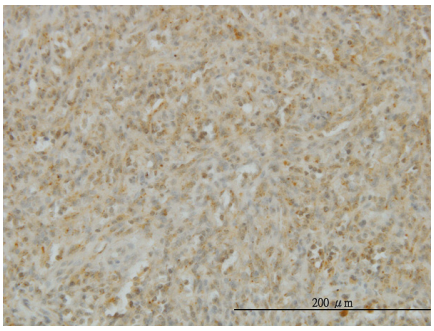


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .

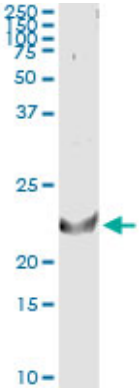


Western Blot analysis of TNFSF14 expression in transfected 293T cell line by TNFSF14 monoclonal antibody (M01), clone 4E3.

Lane 1: TNFSF14 transfected lysate(22.4 KDa).
Lane 2: Non-transfected lysate.

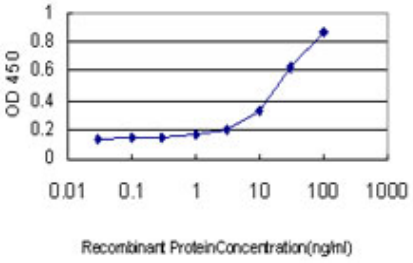


Immunoperoxidase of monoclonal antibody to TNFSF14 on formalin-fixed paraffin-embedded human spleen. [antibody concentration 3 ug/ml]



Immunoprecipitation of TNFSF14 transfected lysate using anti-TNFSF14 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with TNFSF14 MaxPab rabbit polyclonal antibody.

Detection limit for recombinant GST tagged TNFSF14 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'.