

FAIM3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FAIM3.

Catalog # AT1992a

Product Information

Application	WB, E
Primary Accession	O60667
Other Accession	BC006401
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1E5
Calculated MW	43146

Additional Information

Gene ID	9214
Other Names	Fas apoptotic inhibitory molecule 3, Regulator of Fas-induced apoptosis Toso, FAIM3, TOSO
Target/Specificity	FAIM3 (AAH06401, 124 a.a. ~ 223 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	FAIM3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

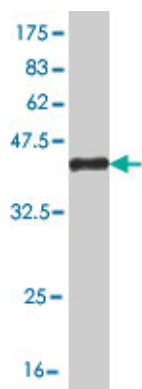
Fc receptors specifically bind to the Fc region of immunoglobulins (Igs) to mediate the unique functions of each Ig class. FAIM3 encodes an Fc receptor for IgM (see MIM 147020) (Kubagawa et al., 2009 [PubMed 19858324]; Shima et al., 2010 [PubMed 20042454]).

References

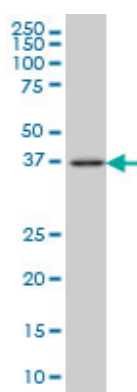
1.Toso, a Functional IgM Receptor, Is Regulated by IL-2 in T and NK Cells.Murakami Y, Narayanan S, Su S, Childs R, Krzewski K, Borrego F, Weck J, Coligan JE.J Immunol. 2012 Jun 6.2.Enhanced levels of both membrane-bound and soluble forms of IgM Fc receptor in patients with chronic lymphocytic leukemia.Li FJ,

Kubagawa Y, McCollum MK, Wilson L, Motohashi T, Bertoli LF, Barton JC, Barnes S, Davis RS, Kubagawa H. Blood. 2011 Sep 9;118(9):2533-41. SAGE analysis demonstrates increased expression of TOSO contributing to Fas mediated resistance in CLL. Proto-Siqueira R, Panepucci RA, Careta FP, Lee A, Clear A, Morris K, Owen C, Rizzatti EG, Silva-Jr WA, Falcao RP, Zago MA, Gribben JG. Blood. 2008 Jul 15;112(2):394-7. Epub 2008 Apr 23.

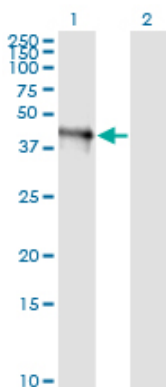
Images



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

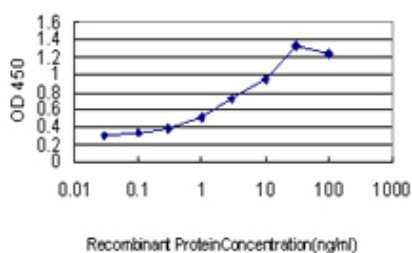


FAIM3 monoclonal antibody (M01), clone 1E4 Western Blot analysis of FAIM3 expression in K-562 (Cat # AT1992a)



Western Blot analysis of FAIM3 expression in transfected 293T cell line by FAIM3 monoclonal antibody (M01), clone 1E4.

Lane 1: FAIM3 transfected lysate (43.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FAIM3 is approximately 0.03 ng/ml as a capture antibody.

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