

For Research Use Only

TRAF5 Monoclonal antibody

Catalog Number:66991-1-Ig



Basic Information

Catalog Number: 66991-1-Ig	GenBank Accession Number: BC029600	Purification Method: Protein G purification
Size: 150ul , Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7188	CloneNo.: 1B1A7
Source: Mouse	UNIPROT ID: O00463	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Full Name: TNF receptor-associated factor 5	
Immunogen Catalog Number: AG26070	Calculated MW: 557 aa, 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, PC-3 cells, LNCaP cells
Species Specificity: Human	

Background Information

TRAF5 (also known as TNF receptor-associated factor 5, Ring finger protein 84, RNF8, MGC:39780) is a member of the tumor necrosis factor receptor-associated (TRAF) family of proteins that are characterized by the presence of a meprin and TRAF homology (MATH) domain, a RING-type zinc finger domain, and two TRAF-type zinc finger domains (<https://www.uniprot.org/uniprot/O00463>). TRAF5 is a scaffold protein that associates with and mediates signal transduction by cell surface receptors belonging to the tumor necrosis factor (TNF) superfamily, including CD27, CD30, CD40, and Lymphotoxin-β receptor, positively regulating activation of the canonical NF-κB pathway and c-Jun NH2-terminal kinase (JNK) activation by these receptors (PMIDs: 8999898, 9582383, 8790348, 8663299). The RING-type zinc finger domain of TRAF5 exhibits ubiquitin protein ligase activity and is responsible for Lys-63-linked polyubiquitination of protein targets (PMIDs:23758787, 29176576). This domain has been demonstrated to be required for TRAF5-mediated activation of NF-κB (PMID:8663299).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

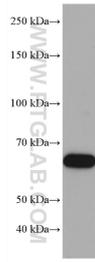
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 66991-1-Ig (TRAF5 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.