

Mouse Monoclonal Antibody to TRAF2

Purified Mouse Monoclonal Antibody
Catalog # AO2379a

Product Information

Application	WB, FC, E
Primary Accession	Q12933
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4A12D9
Isotype	Mouse IgG2b
Calculated MW	55859 Da
Description	<p>The protein encoded by this gene is a member of the TNF receptor associated factor (TRAF) protein family. TRAF proteins associate with, and mediate the signal transduction from members of the TNF receptor superfamily. This protein directly interacts with TNF receptors, and forms a heterodimeric complex with TRAF1. This protein is required for TNF-alpha-mediated activation of MAPK8/JNK and NF-kappaB. The protein complex formed by this protein and TRAF1 interacts with the inhibitor-of-apoptosis proteins (IAPs), and functions as a mediator of the anti-apoptotic signals from TNF receptors. The interaction of this protein with TRADD, a TNF receptor associated apoptotic signal transducer, ensures the recruitment of IAPs for the direct inhibition of caspase activation. BIRC2/c-IAP1, an apoptosis inhibitor possessing ubiquitin ligase activity, can ubiquitinate and induce the degradation of this protein, and thus potentiate TNF-induced apoptosis. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been determined.;</p>
Immunogen	Purified recombinant fragment of human TRAF2 (AA: 39-188) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide
Application Note	ELISA: 1/10000; WB: 1/500 - 1/2000; FCM: 1/200 - 1/400

Additional Information

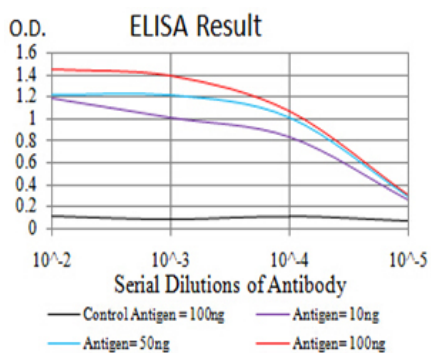
Other Names	TRAP; TRAP3; MGC:45012
Dilution	WB~~1:1000 FC~~1:10~50 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Monoclonal Antibody to TRAF2 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

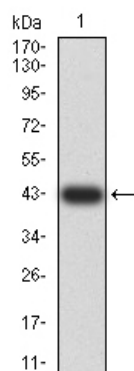
References

1.J Virol. 2014 Apr;88(7):3664-77. ; 2.Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi. 2011 Nov;27(11):1176-9.;

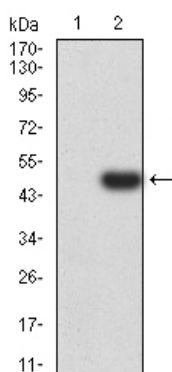
Images



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

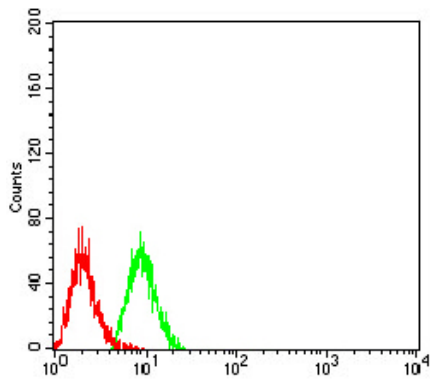
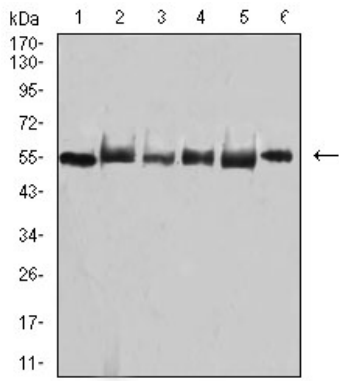


Western blot analysis using TRAF2 mAb against human TRAF2 (AA: 39-188) recombinant protein. (Expected MW is 42.5 kDa)



Western blot analysis using TRAF2 mAb against HEK293 (1) and TRAF2 (AA: 39-188)-hIgGFc transfected HEK293 (2) cell lysate.

Western blot analysis using TRAF2 mouse mAb against MCF-7 (1), A431 (2), Hela (3), Jurkat (4), HEK293 (5), and Ramos (6) cell lysate.



Flow cytometric analysis of HeLa cells using TRAF2 mouse mAb (green) and negative control (red).

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