

TRAFD1 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2273a

Product Information

Application	WB, FC, ICC, E
Primary Accession	O14545
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	8E6E7
Isotype	IgG1
Calculated MW	64841
Description	The innate immune system confers host defense against viral and microbial infection, and TRAFD1 is a negative feedback regulator that controls excessive immune responses
Immunogen	Purified recombinant fragment of human TRAFD1 (AA: 401-582) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	10906
Other Names	TRAF-type zinc finger domain-containing protein 1, Protein FLN29, TRAFD1, FLN29
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000
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	TRAFD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TRAFD1
Synonyms	FLN29
Function	Negative feedback regulator that controls excessive innate immune responses. Regulates both Toll-like receptor 4 (TLR4) and DDX58/RIG1-like

helicases (RLH) pathways. May inhibit the LTR pathway by direct interaction with TRAF6 and attenuation of NF-kappa-B activation. May negatively regulate the RLH pathway downstream from MAVS and upstream of NF-kappa-B and IRF3 (By similarity).

References

1.J Biol Chem. 2008 Dec 5;283(49):33858-64. 2.J Biol Chem. 2005 Dec 16;280(50):41289-97.

Images

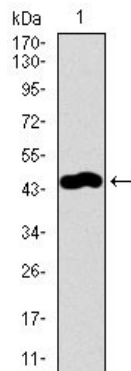


Figure 1: Western blot analysis using TRAFD1 mAb against human TRAFD1 recombinant protein. (Expected MW is 45 kDa)

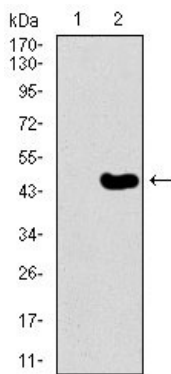


Figure 2: Western blot analysis using TRAFD1 mAb against HEK293 (1) and TRAFD1 (AA: 401-582)-hIgGFc transfected HEK293 (2) cell lysate.

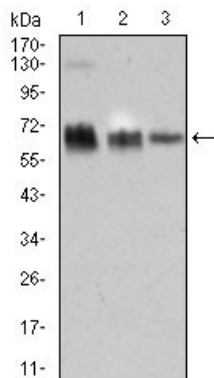


Figure 3: Western blot analysis using TRAFD1 mouse mAb against HEK293 (1), Raji (2), and Jurkat (3) cell lysate.

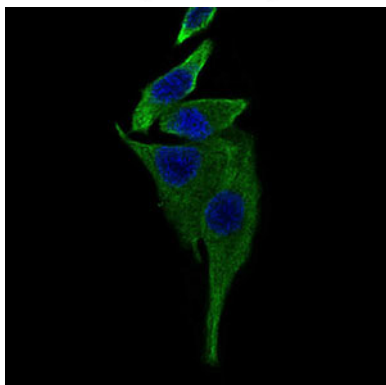


Figure 4: Immunofluorescence analysis of HepG2 cells using TRAFD1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

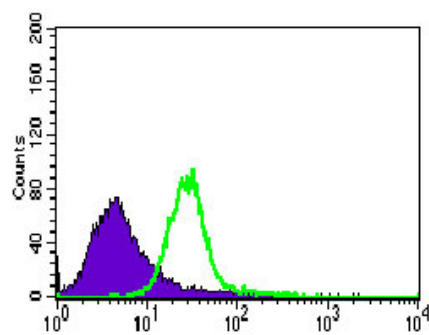


Figure 5: Flow cytometric analysis of HeLa cells using TRAFD1 mouse mAb (green) and negative control (purple).

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