

TRAFD1 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2273a**Specification****TRAFD1 Antibody - Product Information**

Application	E, WB, IF, FC
Primary Accession	O14545
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	64.8kDa KDa

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

TRAFD1 Antibody - Additional Information

Gene ID 10906

Other Names

TRAF-type zinc finger domain-containing protein 1, Protein FLN29, TRAFD1, FLN29

Dilution

E~~1/10000
WB~~1/500 - 1/2000
IF~~1/100
FC~~1/200 - 1/400

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.

TRAFD1 Antibody - 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).

TRAFD1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

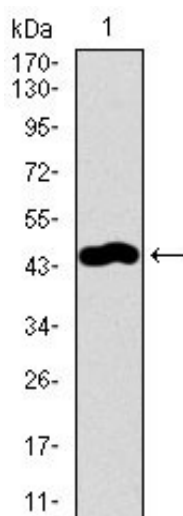
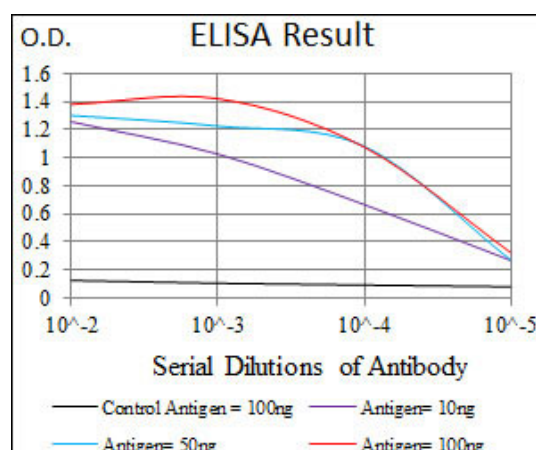


Figure 1: Western blot analysis using TRAFD1 mAb against human TRAFD1 recombinant protein.

(Expected MW is 45 kDa)

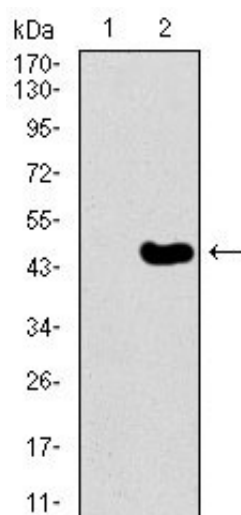


Figure 2: Western blot analysis using TRAFD1 mAb against HEK293 (1) and TRAFD1 (AA: 401-582)-hlgGFc transfected HEK293 (2) cell lysate.

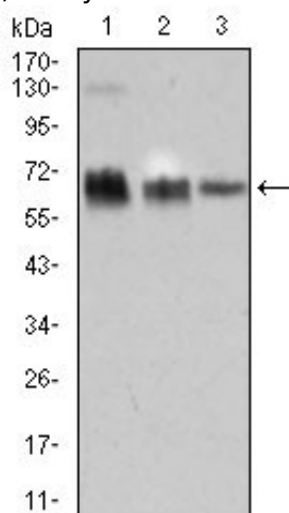


Figure 3: Western blot analysis using TRAFD1 mouse mAb against HEK293 (1), Raji (2), and Jurkat (3) cell lysate.

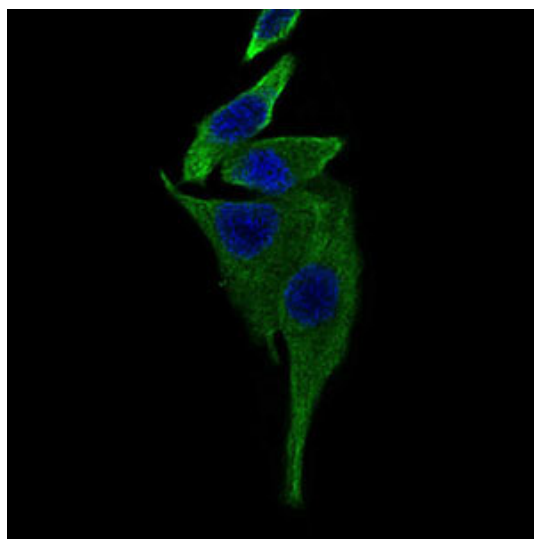


Figure 4: Immunofluorescence analysis of HepG2 cells using TRAFD1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

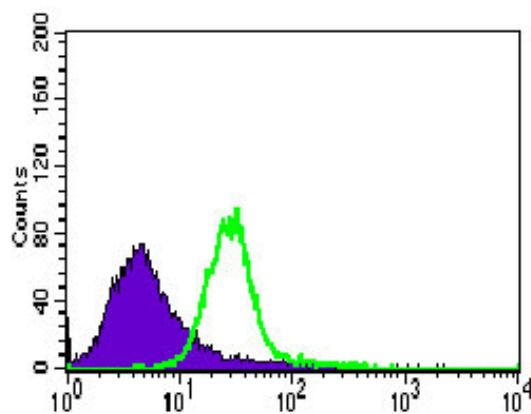


Figure 5: Flow cytometric analysis of HeLa cells using TRAFD1 mouse mAb (green) and negative control (purple).

TRAFD1 Antibody - References

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