10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

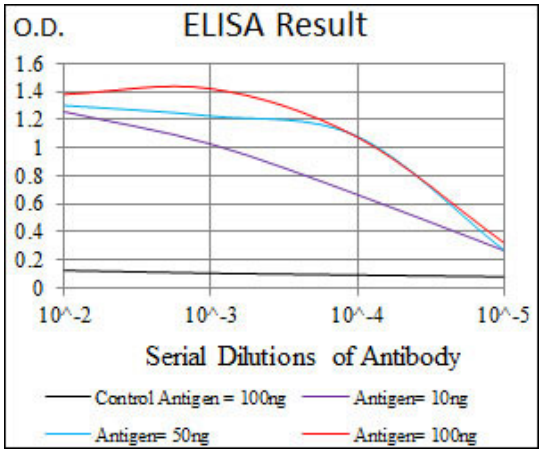
Synonyms FLN29

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 Cytomety
- Cell Culture



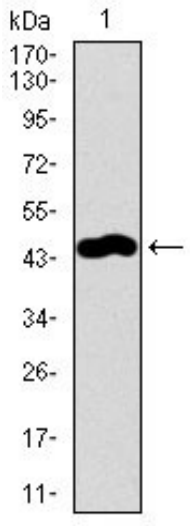


Figure 1: Western blot analysis using TRAFD1 mAb against human TRAFD1 recombinant protein.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

(Expected MW is 45 kDa)

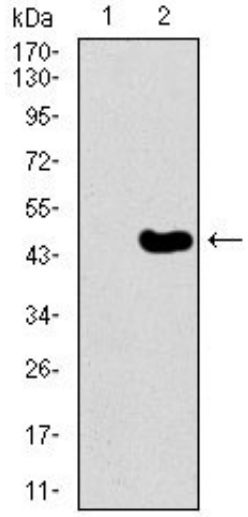


Figure 2: Western blot analysis using TRAFD1 mAb against HEK293 (1) and TRAFD1 (AA: 401-582)-hIgGFc transfected HEK293 (2) cell lysate.

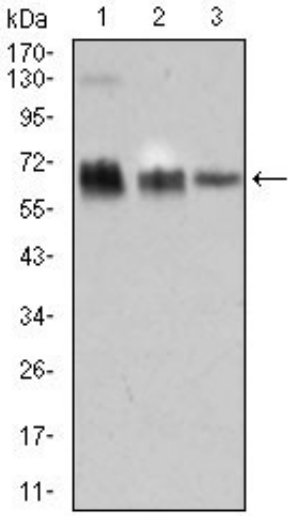


Figure 3: Western blot analysis using TRAFD1 mouse mAb against HEK293 (1), Raji (2), and Jurkat (3) cell lysate.

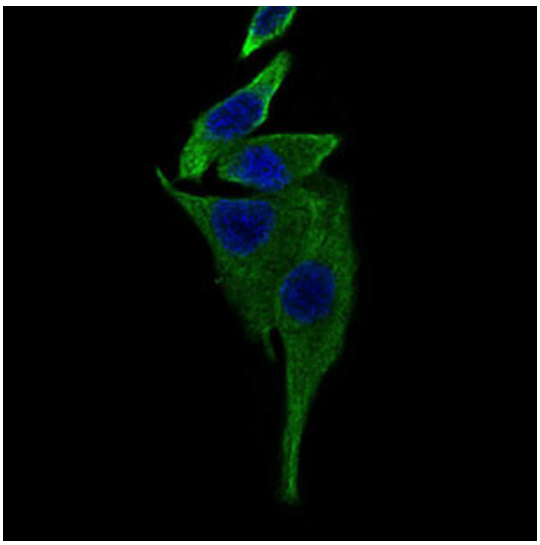


Figure 4: Immunofluorescence analysis of HepG2 cells using TRAFD1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

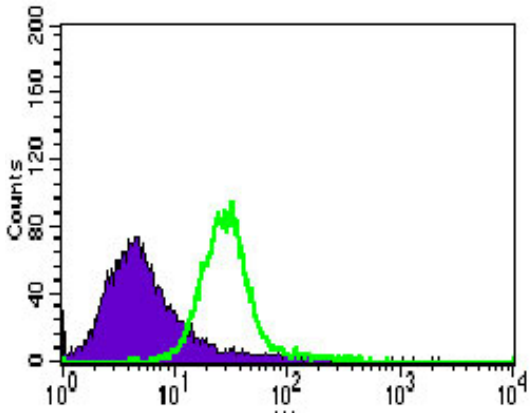


Figure 5: Flow cytometric analysis of HeLa cells using TRAFD1 mouse mAb (green) and negative control (purple).

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.