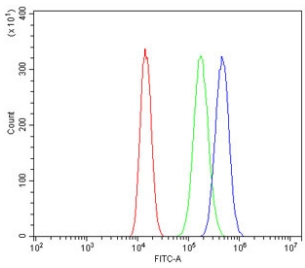
TRAF1 Antibody (RQ5773)

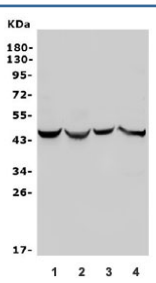
Catalog No.	Formulation	Size
RQ5773	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q13077
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This TRAF1 antibody is available for research use only.



Flow cytometry testing of human A549 cells with TRAF1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TRAF1 antibody.



Western blot testing of 1) A549, 2) HeLa, 3) U-2 OS and 4) HepG2 lysate with TRAF1 antibody. Expected molecular weight: 46-50 kDa.

Description

TRAF1 (TNF Receptor-Associated Factor 1), also called EBI6, is a protein that in humans is encoded by the TRAF1 gene. The protein encoded by this gene is a member of the TNF receptor (TNFR) associated factor (TRAF) protein family. Siemienski et al.(1997) used fluorescence in situ hybridization to map the TRAF1 gene to 9q33-q34. Mosialos et al.(1995) found that LMP1, the EBV-transforming protein, specifically associates with LAP1 (TRAF3) or EBI6 in B lymphoblasts. LMP1 expression redirects LAP1 and EBI6 from scattered cytoplasmic structures to LMP1 plasma membrane patches. Both LAP1 and EBI6 associated with the cytoplasmic domain of p80/TNFR2 in vivo.

Application Notes

Optimal dilution of the TRAF1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D14-D404) was used as the immunogen for the TRAF1 antibody.

Storage

After reconstitution, the TRAF1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.