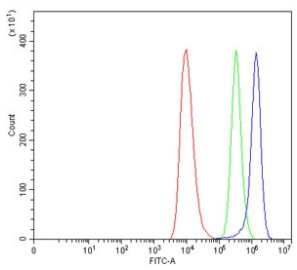
TREML2 Antibody / Trem-like transcript 2 protein (RQ7539)

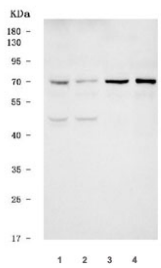
Catalog No.	Formulation	Size
RQ7539	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q5T2D2
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This TREML2 antibody is available for research use only.



Flow cytometry testing of human HEL cells with TREML2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= TREML2 antibody.



Western blot testing of 1) human HEL, 2) human Jurkat, 3) rat C6 and 4) mouse RAW264.7 cell lysate with TREML2 antibody. Predicted molecular weight ~35 kDa but may be observed at higher molecular weights due to glycosylation.

Description

TREML2 is a single-pass type I membrane protein, and it contains 1 Ig-like V-type (immunoglobulin-like) domain. TREML2 is a cell surface receptor that may play a role in the innate and adaptive immune response. TREML2 is located in a gene cluster on chromosome 6 with the single Ig variable (IgV) domain activating receptors TREM1 and TREM2, but it has distinct structural and functional properties.

Application Notes

Optimal dilution of the TREML2 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E64-I321) was used as the immunogen for the TREML2 antibody.

Storage

After reconstitution, the TREML2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.