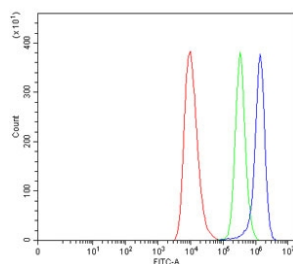


## TREML2 Antibody / Trem-like transcript 2 protein (RQ7539)

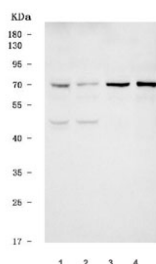
Catalog No.	Formulation	Size
RQ7539	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q5T2D2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.