

Rabbit anti-Human TREML2 Polyclonal Antibody | anti-TREML2 antibody

Anti-TREML2 Antibody Picoband

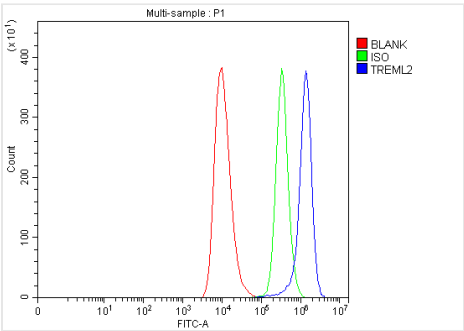
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126538	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

TREML2; Polyclonal Antibody; Anti-TREML2 Antibody Picoband; anti-TREML2 antibody

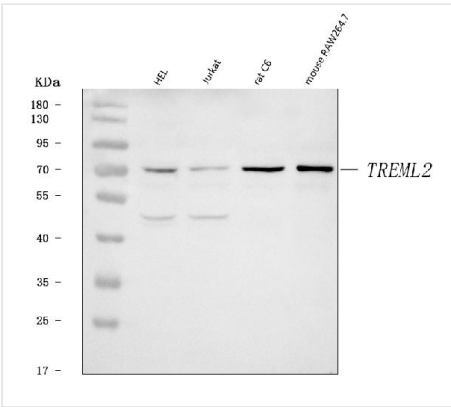
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-TREML2 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human TREML2 recombinant protein (Position: E64-I321).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of HEL cells using anti-TREML2 antibody (AAA126538).Overlay histogram showing HEL cells stained with AAA126538 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-TREML2 Antibody (AAA126538, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of TREML2 using anti-TREML2 antibody (AAA126538).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HEL whole cell lysates,Lane 2: human Jurkat whole cell lysates,Lane 3: rat C6 whole cell lysates,Lane 4: mouse RAW264.7 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TREML2 antigen affinity purified polyclonal antibody (#AAA126538) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for TREML2 at approximately 70 kDa. The expected band size for TREML2 is at 35 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TREML2 antibody	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.
Product Categories/Family for anti-TREML2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	170932501
NCBI GeneID	79865
NCBI Accession #	NP_079083.2
NCBI GenBank Nucleotide #	NM_024807.2
UniProt Accession #	Q5T2D2; Q08AP8; Q08AP9; Q8IWY0; Q9H8E9
Molecular Weight	35,127 Da
NCBI Official Full Name	trem-like transcript 2 protein
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells-like 2
NCBI Official Symbol	TREML2
NCBI Official Synonym Symbols	TLT2; TLT-2; C6orf76; FLJ13693; MGC149715; MGC149716; dJ238O23.1
NCBI Protein Information	trem-like transcript 2 protein; OTTHUMP00000017974; triggering receptor expressed on myeloid cells-like protein 2
UniProt Protein Name	Trem-like transcript 2 protein

UniProt Gene Name	TREML2
UniProt Synonym Gene Names	C6orf76; TLT2
UniProt Entry Name	TRML2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/treml2-antibody-flow-cytometry-western-blot-elisa/126538>