

TREML1 Rabbit pAb

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Catalog # AP58053

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q86YW5
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32679
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TREML1
Epitope Specificity	201-311/311
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein. Cytoplasm. Note=Sequestered in cytoplasmic vesicles in resting platelets. Transported to the cell surface after stimulation by thrombin. Soluble fragments can be released into the serum by proteolysis.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the triggering receptor expressed on myeloid cells-like (TREM) family. The encoded protein is a type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. The encoded protein is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]

Additional Information

Gene ID	340205
Other Names	Trem-like transcript 1 protein, TLT-1, Triggering receptor expressed on myeloid cells-like protein 1, TREML1, TLT1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

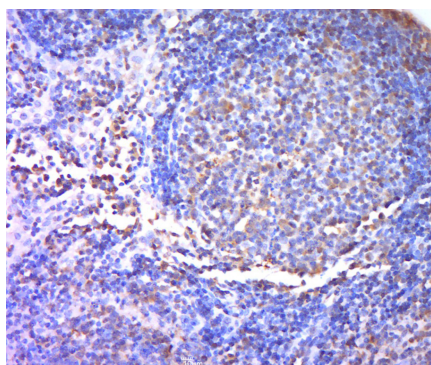
Protein Information

Name	TREML1
Synonyms	TLT1
Function	Cell surface receptor that may play a role in the innate and adaptive immune response.
Cellular Location	Cell membrane; Single-pass type I membrane protein Cytoplasm. Note=Sequestered in cytoplasmic vesicles in resting platelets (PubMed:15100151) Transported to the cell surface after stimulation by thrombin (PubMed:15100151). Soluble fragments can be released into the serum by proteolysis (PubMed:16505478)
Tissue Location	Detected in platelets, monocytic leukemia and in T- cell leukemia.

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (mouse lymphoid); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TREML1) Polyclonal Antibody, Unconjugated (AP58053) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

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