

For Research Use Only

VSTM1 Polyclonal antibody

Catalog Number: 24382-1-AP 1 Publications



Basic Information

Catalog Number: 24382-1-AP	GenBank Accession Number: BC100942	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 284415	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q6UX27	
Isotype: IgG	Full Name: V-set and transmembrane domain containing 1	
Immunogen Catalog Number: AG15799	Calculated MW: 236 aa, 26 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : human peripheral blood leukocyte, HL-60 cells IHC : human tonsillitis tissue,
Cited Applications: WB, IP	
Species Specificity: human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

VSTM1 (V-set and transmembrane domain-containing protein 1) has two main splicing isoform, VSTM1-v1 and VSTM1-v2. VSTM1-v1 is a type I membrane molecule, mainly expressed on human peripheral blood granulocytes and monocytes. VSTM1-v2 is a classical secretory glycoprotein mainly expressed in immune tissues, and can promote the differentiation and activation of Th17 cells. (PMID: 22960280; 23909423)

Notable Publications

Author	Pubmed ID	Journal	Application
Xu Jiang	37737309	Cell Mol Immunol	WB,IP

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

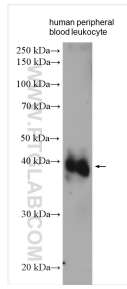
T: 4006900926

E: Proteintech-CN@ptglab.com

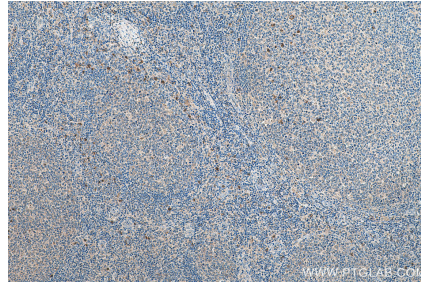
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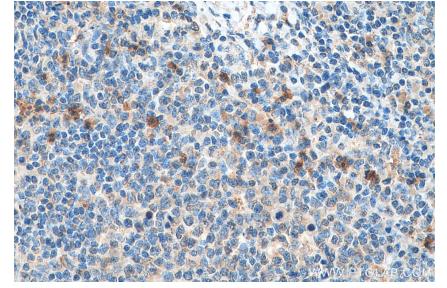
Selected Validation Data



human peripheral blood leukocytes were subjected to SDS PAGE followed by western blot with 24382-1-AP (VSTM1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24382-1-AP (VSTM1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24382-1-AP (VSTM1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).