

For Research Use Only

VSTM1 Polyclonal antibody

Catalog Number: 24382-1-AP

1 Publications



Basic Information

Catalog Number:

24382-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15799

GenBank Accession Number:

BC100942

GeneID (NCBI):

284415

UNIPROT ID:

Q6UX27

Full Name:

V-set and transmembrane domain containing 1

Calculated MW:

236 aa, 26 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

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

Positive Controls:

WB : human peripheral blood leukocyte, HL-60 cells

IHC : human tonsillitis tissue,

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

*** 20ul sizes contain 0.1% BSA

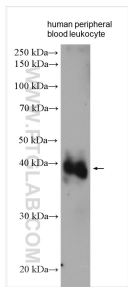
For technical support and original validation data for this product please contact:

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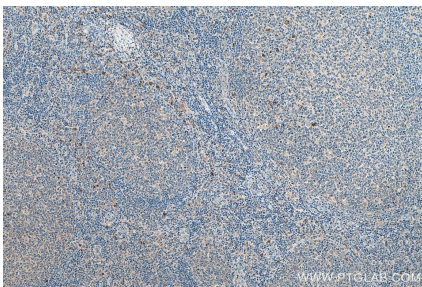
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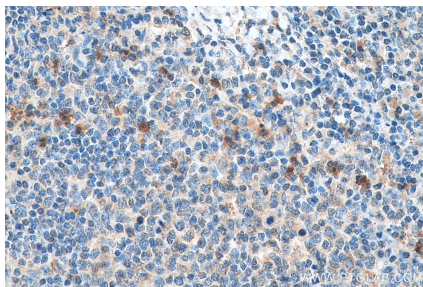
Selected Validation Data



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).