

For Research Use Only

TREM-1/CD354 Polyclonal antibody

Catalog Number: 11791-1-AP

21 Publications



Basic Information

Catalog Number:

11791-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2418

GenBank Accession Number:

BC017773

GeneID (NCBI):

54210

UNIPROT ID:

Q9NP99

Full Name:

triggering receptor expressed on myeloid cells 1

Calculated MW:

234 aa, 26 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB: human peripheral blood leukocyte, human liver tissue, human spleen tissue, mouse lung tissue

Background Information

Triggering receptor expressed on myeloid cells 1 (TREM1, also known as CD354) is a member of the immunoglobulin superfamily, which is expressed on neutrophils and monocytes. TREM1 plays a role in the innate immune system. TREM1 amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers.

Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Jing Zhong	33045564	Int Immunopharmacol	WB
Hui-Hui Yang	32308747	Theranostics	WB
Xin Zhang	36608749	Acta Trop	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

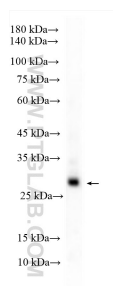
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood leukocyte were subjected to SDS PAGE followed by western blot with 11791-1-AP (TREM1 antibody) at dilution of 1:450 incubated at room temperature for 1.5 hours.