

For Research Use Only

# TREM-1/CD354 Polyclonal antibody

Catalog Number: 11791-1-AP

20 Publications



## Basic Information

Catalog Number:

11791-1-AP

Concentration:

600 ug/ml

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

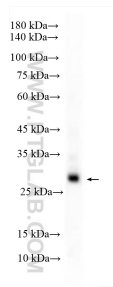
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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.