

## ARG58762 anti-TREM1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TREM1
Tested Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TREM1
Species	Mouse
Immunogen	Synthetic peptide corresponding to aa. 74-90 of Mouse TREM1 (FTRPSEVHMGKFTLKHD).
Conjugation	Un-conjugated
Alternate Names	TREM-1; CD antigen CD354; CD354; Triggering receptor expressed on monocytes 1; Triggering receptor expressed on myeloid cells 1

### Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	1:500 - 1:2000

**Application Note**  
IHC-P: Antigen Retrieval: By heat mediation.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

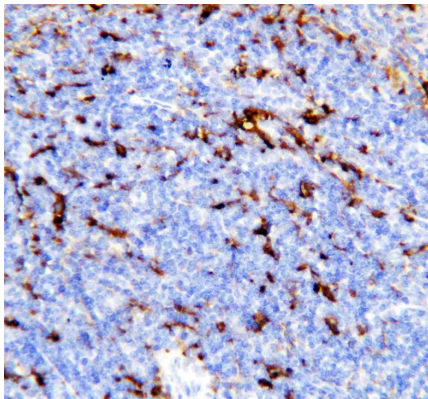
## Bioinformation

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Gene Symbol	TREM1
Gene Full Name	triggering receptor expressed on myeloid cells 1
Background	This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein 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. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]
Function	Stimulates neutrophil and monocyte-mediated inflammatory responses. Triggers release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Amplifier of inflammatory responses that are triggered by bacterial and fungal infections and is a crucial mediator of septic shock. [UniProt]
Calculated Mw	26 kDa
PTM	Glycosylated. [UniProt]
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

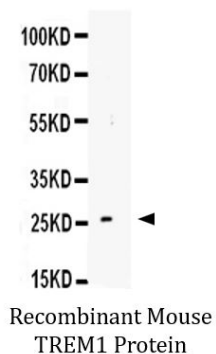
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## Images



ARG58762 anti-TREM1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse spleen tissue stained with ARG58762 anti-TREM1 antibody.



ARG58762 anti-TREM1 antibody WB image

Western blot: 1 ng of Recombinant Mouse TREM1 Protein stained with ARG58762 anti-TREM1 antibody.

### ARG58762 anti-TREM1 antibody WB image

Western blot: 50 µg of sample under reducing conditions. Rat liver, Mouse liver and Mouse spleen lysates stained with ARG58762 anti-TREM1 antibody at 0.5 µg/ml dilution, overnight at 4°C.

