

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.	

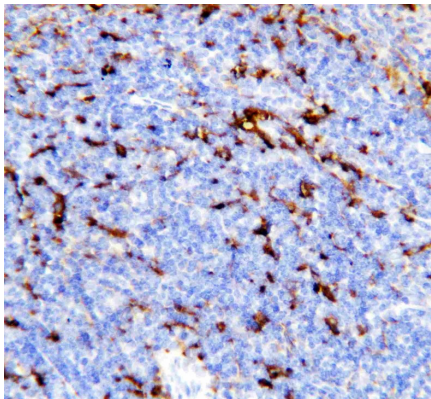
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 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

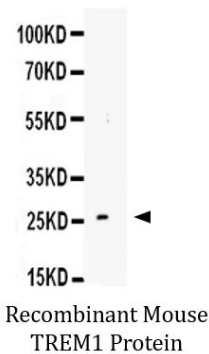
Gene Symbol	TREM1
Gene Full Name	triggering receptor expressed on myeloid cells 1
Background	This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal 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]

Images



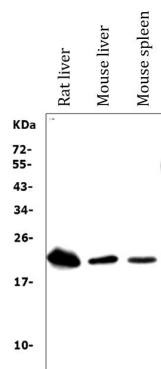
ARG58762 anti-TREM1 antibody IHC-P image

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.