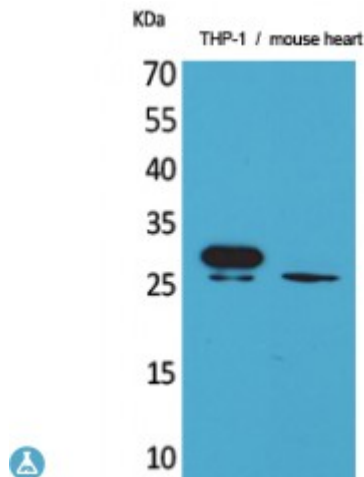


Anti-TREM-1 antibody



Description	Rabbit polyclonal to TREM-1.
Model	STJ96498
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human TREM-1
Immunogen Region	40-120 aa, Internal
Gene ID	54210
Gene Symbol	TREM1
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	TREM-1 Polyclonal Antibody detects endogenous levels of TREM-1 protein.
Tissue Specificity	Highly expressed in adult liver, lung and spleen than in corresponding fetal tissue. Also expressed in the lymph node, placenta, spinal cord and heart tissues. Expression is more elevated in peripheral blood leukocytes than in the bone marrow and in normal cells than malignant cells. Expressed at low levels in the early development of the hematopoietic system and in the promonocytic stage and at high levels in mature monocytes. Strongly expressed in acute inflammatory lesions caused by bacteria and fungi.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).

Protein Name	Triggering receptor expressed on myeloid cells 1 TREM-1 Triggering receptor expressed on monocytes 1 CD antigen CD354
Molecular Weight	26.387 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17760 OMIM:605085
Alternative Names	Triggering receptor expressed on myeloid cells 1 TREM-1 Triggering receptor expressed on monocytes 1 CD antigen CD354
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.
Cellular Localization	Isoform 1: Cell membrane Isoform 2: Secreted
Post-translational Modifications	Glycosylated.