

Rat TREM-1 Monoclonal Antibody | anti-TREM-1 antibody

RAT ANTI MOUSE TREM-1:RPE

CATALOG # AAA50114	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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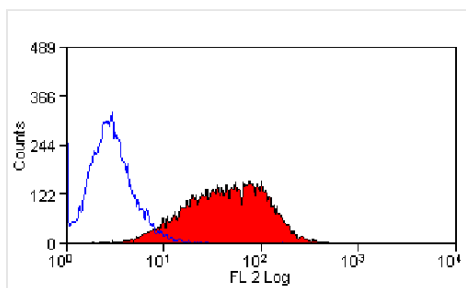
PRODUCT SYNONYMS

TREM-1; Monoclonal Antibody; RAT ANTI MOUSE TREM-1:RPE; anti-TREM-1 antibody

PRODUCT SPECIFICATIONS

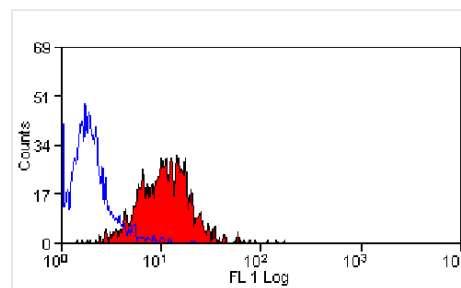
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	L5-B8.2A12.3A12
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	230
Applicable Applications for anti-TREM-1 antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1.0ml distilled water Perservative Stabilisers
Immunogen	Mouse TREM-1 Fc fusion protein Buffer Solution
Target Species	Mouse
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of reconstitution.

IMAGES



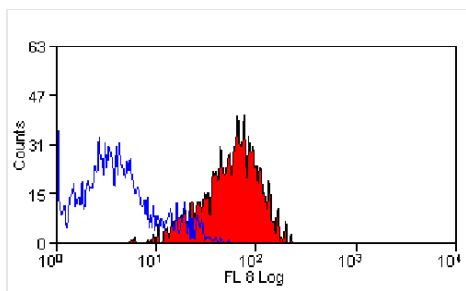
Application Data

Staining of J774 cells with Rat anti Mouse TREM-1:RPE (AAA50114)



Application Data

Staining of J774 cells with Rat anti Mouse TREM-1:Alexa FluorR 488



Application Data

Staining of J774 cells with Rat anti Mouse Trem-1:Alexa FluorR -647

ADDITIONAL INFORMATION

Related Product Information for anti-TREM-1 antibody

Rat anti Mouse Trem-1 antibody, clone L5-B8.2A12.3A12 recognizes mouse triggering receptor expressed on myeloid cells 1 (TREM-1), a 30kD member of the immunoglobulin superfamily expressed on neutrophils and a subset of monocytes. TREM-1 is involved in the microbial inflammatory response. It acts in conjunction with the adaptor protein DAP12 to activate neutrophils and monocytes, leading to the secretion of pro-inflammatory mediators and enhancement of the inflammatory response. Microbial infection also induces the release of soluble form of TREM-1 from monocytes, which is reported to act as an inhibitor of TREM-1. TREM-1 mediates the septic shock pathway, and blocking TREM-1 has been reported to reduce inflammation and increase survival in certain models of bacterial infection.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10946760
NCBI GeneID	58217
NCBI Accession #	NP_067381.1
NCBI GenBank Nucleotide #	NM_021406.5
UniProt Accession #	Q9JKE2; Q3TAL7
Molecular Weight	25,409 Da
NCBI Official Full Name	triggering receptor expressed on myeloid cells 1
NCBI Official Synonym Full Names	triggering receptor expressed on myeloid cells 1
NCBI Official Symbol	Trem1
NCBI Protein Information	triggering receptor expressed on myeloid cells 1; triggering receptor expressed in monocytes 1
UniProt Protein Name	Triggering receptor expressed on myeloid cells 1
UniProt Gene Name	Trem1
UniProt Synonym Gene Names	TREM-1
UniProt Entry Name	TREM1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/trem-1-antibody-clone-l5-b8-2a12-3a12-flow-cytometry-elisa/50114>