

Rat TIM-3 Monoclonal Antibody | anti-TIM-3 antibody

RAT ANTI MOUSE TIM-3

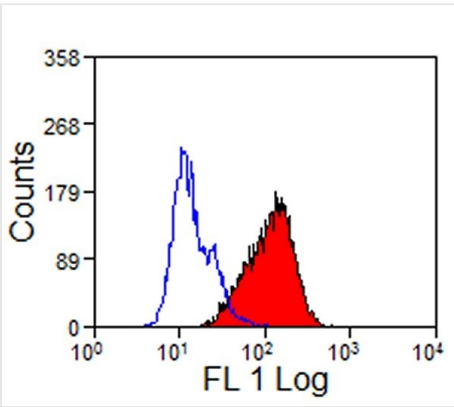
CATALOG # AAA50131	HOST Rat	APPLICATIONS Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

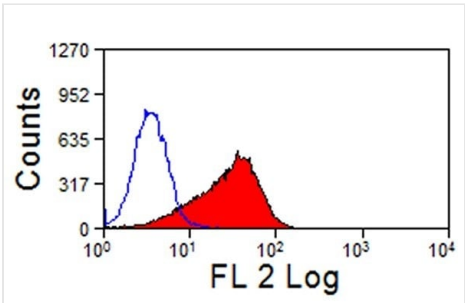
TIM-3; Monoclonal Antibody; RAT ANTI MOUSE TIM-3; anti-TIM-3 antibody

PRODUCT SPECIFICATIONS

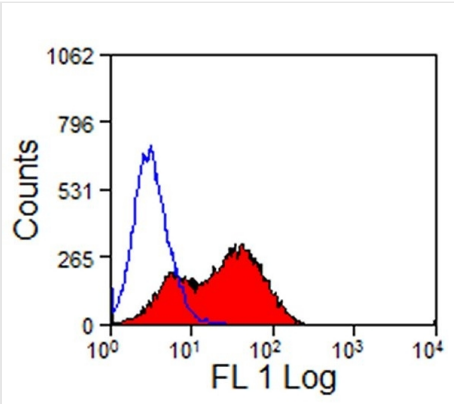
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	RMT3-23
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	281
Applicable Applications for anti-TIM-3 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	Tim-3-Ig, consisting of amino acids 1-191 of mouse Tim-3, coupled with the Fc portion of mouse IgG2a. Fusion Partners
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



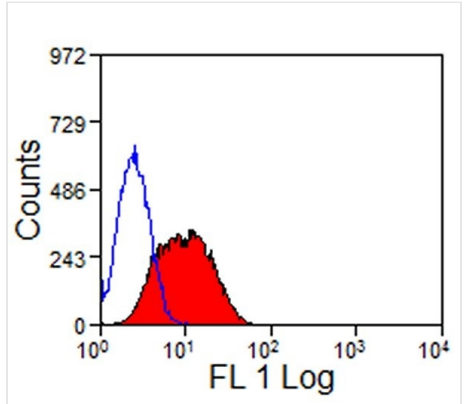
Application Data
Tim-3 transfected LY5178Y cells stained with Rat anti Mouse TIM-3:Low Endotoxin



Application Data
Tim-3 transfected LY5178Y cells stained with Rat anti Mouse TIM-3:RPE



Application Data
Tim-3 transfected LY5178Y cells stained with Rat anti Mouse TIM-3 (AAA50131)



Application Data
Tim-3 transfected LY5178Y cells stained with Rat anti Mouse TIM-3:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-TIM-3 antibody	Rat anti Mouse Tim-3 antibody, clone RMT3-23 specifically recognizes mouse T-cell immunoglobulin mucin 3, a transmembrane glycoprotein and member of the immunoglobulin superfamily, preferentially expressed by differentiated CD4+ Th1 cells and CD8+ Tc1 (cytotoxic) cells, but not by CD4+ Th2 cells or CD8+ Tc2 cells. Tim-3 acts as a negative regulator of Th1-mediated inflammatory diseases including GVHD, type I diabetes, and EAE (experimental autoimmune encephalomyelitis), promotes immunological tolerance, and is a receptor for galectin-9, shown to induce cell death of Th1 cells in vitro. Tim-3 is also involved in the regulation of macrophage activation, acts as a phagocytic receptor, and has been shown to recognize apoptotic cells via the IgV domain. Studies have shown thatRat anti Mouse Tim-3 antibody, clone RMT3-23 significantly inhibits the efficient phagocytosis of apoptotic cells by PEMs (peritoneal exudate Mac1+ cells) (Nakayama et al. 2009).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160333699
NCBI GeneID	171285
NCBI Accession #	NP_599011.2
NCBI GenBank Nucleotide #	NM_134250.2
UniProt Accession #	Q8VIM0
Molecular Weight	30,934 Da
NCBI Official Full Name	hepatitis A virus cellular receptor 2 homolog

NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 2
NCBI Official Symbol	Havcr2
NCBI Official Synonym Symbols	Tim3; TIM-3; Timd3
NCBI Protein Information	hepatitis A virus cellular receptor 2 homolog; HAVcr-2; T-cell immunoglobulin and mucin domain containing 3; T-cell immunoglobulin and mucin domain-containing protein 3; T-cell immunoglobulin mucin receptor 3; T-cell membrane protein 3; TIMD-3
UniProt Protein Name	Hepatitis A virus cellular receptor 2 homolog
UniProt Gene Name	Havcr2
UniProt Synonym Gene Names	Tim3; Timd3; HAVcr-2; TIMD-3; TIM-3
UniProt Entry Name	HAVR2_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/tim-3-antibody-clone-rmt3-23-immunohistochemistry-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/50131>