

Rat CD283 Monoclonal Antibody | anti-CD283 antibody

RAT ANTI MOUSE CD283:FITC

CATALOG # AAA50129	HOST Rat	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay
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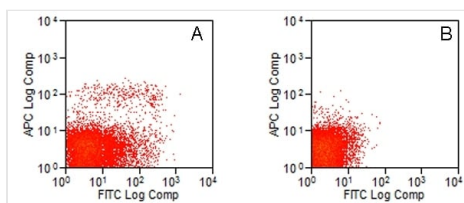
PRODUCT SYNONYMS

CD283; Monoclonal Antibody; RAT ANTI MOUSE CD283:FITC; anti-CD283 antibody

PRODUCT SPECIFICATIONS

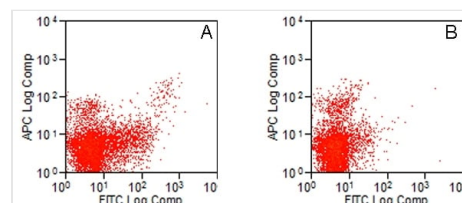
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	11F8
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1mg/ml (varies by lot)
Sequence Length	905
Applicable Applications for anti-CD283 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. 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.

IMAGES



Application Data

Mouse spleen cells stained with Rat anti Mouse CD8 alpha:APC and (A) Rat anti Mouse CD283:FITC (AAA50129) or (B) rat IgG control. Staining was performed following permeabilisation of the cells with Leucoperm[®]; and incubation with Mouse Seroblock FCR



Application Data

Mouse spleen cells stained with Rat anti Mouse CD8 alpha:APC and (A) Rat anti Mouse CD283 or (B) rat IgG control. Detection with Goat anti Rat IgG:Dylight[®]488 was performed following permeabilisation of the cells with Leucoperm[®]; prior to incubation with Rat anti Mouse CD283

ADDITIONAL INFORMATION

Related Product Information for anti-CD283 antibody	Rat anti Mouse CD283 anribody, clone 11F8 recognizes mouse TLR3, otherwise known as CD283 or Toll-like receptor 3. CD283 is a 905 amino acid ? kDa single pass type 1 transmembrane glycoprotein associated with endosomal membranes and member of the Toll-like receptor (TLR) family. CD283 functions as a receptor for double-stranded RNA (UniProt: Q99MB1).TLRs are expressed on the cell surface and the endocytic compartment and recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents.They also initiate cell signalling to induce production of cytokines necessary for the innate immunity and subsequent adaptive immunity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31543872
NCBI GeneID	142980
NCBI Accession #	NP_569054.2
NCBI GenBank Nucleotide #	NM_126166.4
UniProt Accession #	Q99MB1; Q91ZM4
Molecular Weight	103,671 Da
NCBI Official Full Name	toll-like receptor 3
NCBI Official Synonym Full Names	toll-like receptor 3
NCBI Official Symbol	Tlr3
NCBI Official Synonym Symbols	AI957183
NCBI Protein Information	toll-like receptor 3
UniProt Protein Name	Toll-like receptor 3
UniProt Gene Name	Tlr3
UniProt Entry Name	TLR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd283-antibody-clone-11f8-immunofluorescence-flow-cytometry-elisa/50129>