Mouse CD284 Monoclonal Antibody | anti-CD284 antibody

MOUSE ANTI HUMAN CD284:FITC

CATALOG #	HOST	APPLICATIONS
AAA11871	**Mouse**	**Flow Cytometry, Functional Assay**

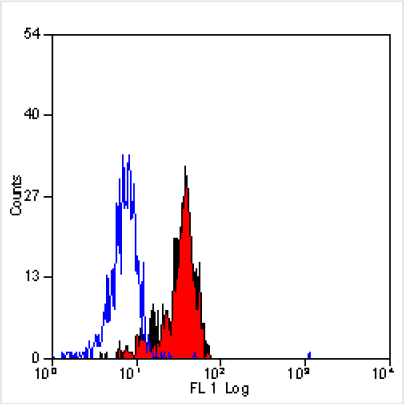
PRODUCT SYNONYMS

CD284; Monoclonal Antibody; MOUSE ANTI HUMAN CD284:FITC; anti-CD284 antibody

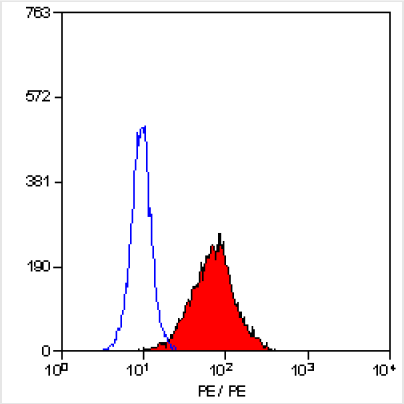
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	HTA125
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	799
Applicable Applications for anti-CD284 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood. **Flow Cytometry:** Maximum Dilution: Neat
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	Ba/F3 cell line expressing TLR4 (CD284). Fusion Partners
Target Species	Human
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. 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.

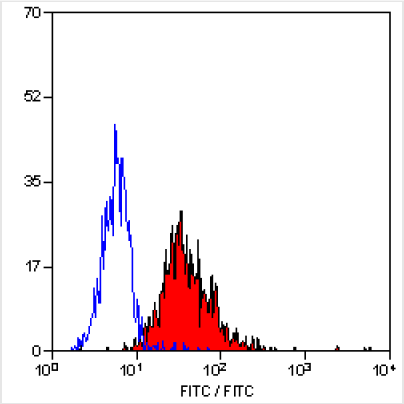
IMAGES



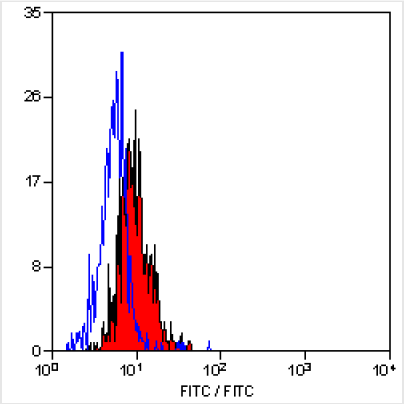
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD284: Low Endotoxin



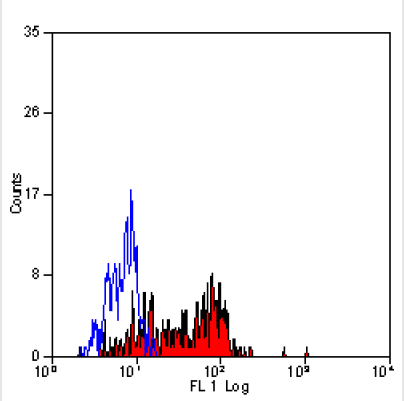
Application Data
Staining of U937 cells with Mouse anti Human CD284:RPE



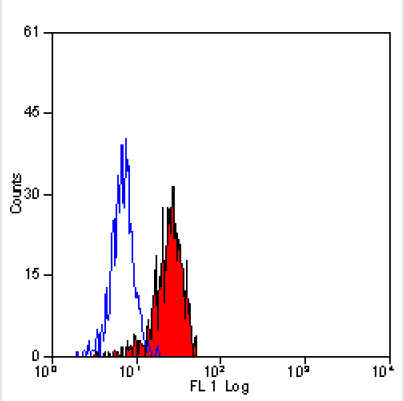
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD284



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD284: FITC



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD284: Alexa Fluor 647



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD284: Alexa Fluor 488

ADDITIONAL INFORMATION

Related Product Information for anti-CD284 antibody	Mouse anti Human CD284 antibody, clone HTA125 recognizes the human Toll like receptor 4 (TLR4) cell surface antigen. TLR4, also known as CD284, has been demonstrated to act as a receptor for LPS on human monocytes and macrophages. TLR4 signalling of LPS stimulation requires the presence of the MD-2 molecule. TLR4 is weakly expressed by resting cells, but is upregulated following stimulation with LPS. This antibody has been demonstrated to block activation of monocytes with LPS. We recommend the use of MBS211211 for this purpose.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507533
NCBI GeneID	7099
NCBI Accession #	NP_003257.1
NCBI GenBank Nucleotide #	NM_003266.3
UniProt Accession #	O00206; Q5VZI8; Q5VZI9; Q9UK78; Q9UM57; A8K1Y8; A9XLP9; A9XLQ0; A9XLQ1; B4E194; D1CS52; D1CS53
Molecular Weight	73,301 Da
NCBI Official Full Name	toll-like receptor 4 isoform C
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	TLR4
NCBI Official Synonym Symbols	TOLL; CD284; TLR-4; ARMD10
NCBI Protein Information	toll-like receptor 4; hToll; homolog of Drosophila toll
UniProt Protein Name	Toll-like receptor 4
UniProt Gene Name	**TLR4**
UniProt Entry Name	TLR4_HUMAN

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/cd284-antibody-clone-hta125-flow-cytometry-elisa/11871