

Mouse CD305 Monoclonal Antibody | anti-CD305 antibody

MOUSE ANTI HUMAN CD305:FITC

CATALOG # AAA49100	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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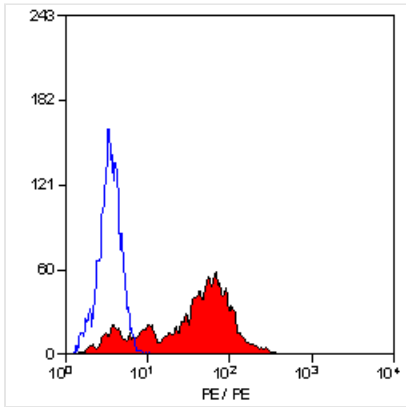
PRODUCT SYNONYMS

CD305; Monoclonal Antibody; MOUSE ANTI HUMAN CD305:FITC; anti-CD305 antibody

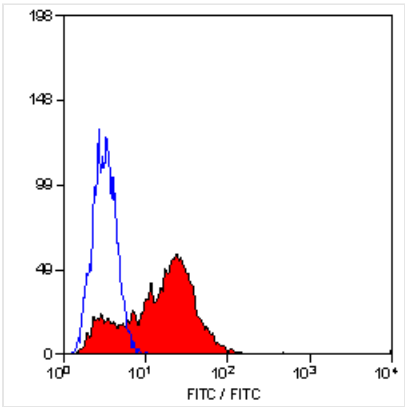
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NKTA255
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	269
Applicable Applications for anti-CD305 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	NK cells lines B12.100 and AM.25 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.

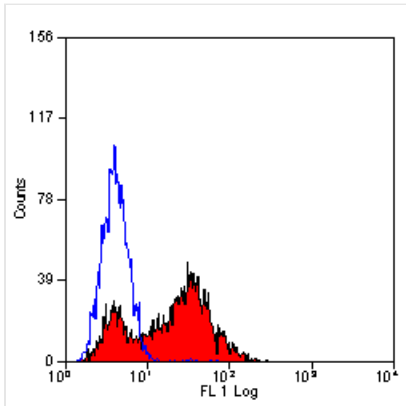
IMAGES



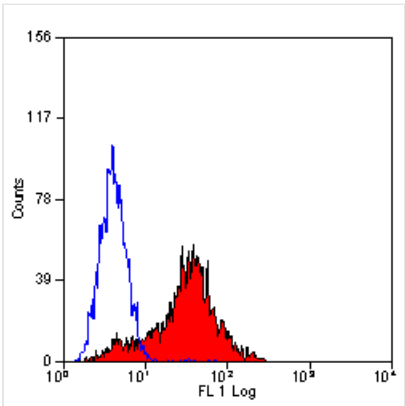
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD305:RPE



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD305:FITC



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD305



Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD305

ADDITIONAL INFORMATION

Related Product Information for anti-CD305 antibody	Mouse anti Human CD305 antibody, clone NKTA255 recognizes human leukocyte-associated Ig-like receptor-1 (LAIR-1), a 40kDa cell surface molecule that functions as an inhibitory receptor on natural killer cells, monocytes and T cells. LAIR-1, otherwise known as CD305, is also expressed by other haematopoietic cells including B cells, but is not expressed by non-haematopoietic, platelets or erythrocytes. Mouse anti Human CD305 antibody, clone NKTA255 is reported to inhibit NK cell triggering via CD16 molecules (Poggi et al. 1995).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	612407867
NCBI GeneID	3903
NCBI Accession #	NP_001275952.2
NCBI GenBank Nucleotide #	NM_001289023.2
UniProt Accession #	Q6GTX8
Molecular Weight	23,049 Da
NCBI Official Full Name	leukocyte-associated immunoglobulin-like receptor 1 isoform c
NCBI Official Synonym Full Names	leukocyte-associated immunoglobulin-like receptor 1
NCBI Official Symbol	LAIR1
NCBI Official Synonym Symbols	CD305; LAIR-1

NCBI Protein Information	leukocyte-associated immunoglobulin-like receptor 1; leukocyte-associated Ig-like receptor 1
UniProt Protein Name	Leukocyte-associated immunoglobulin-like receptor 1
UniProt Gene Name	LAIR1
UniProt Synonym Gene Names	CD305; LAIR-1; hLAIR1
UniProt Entry Name	LAIR1_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/cd305-antibody-clone-nkta255-flow-cytometry-elisa/49100>