

Mouse anti-Human CD305 Monoclonal Antibody | anti-CD305 antibody

Anti-Hu CD305 APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128903	Mouse	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD305; Monoclonal Antibody; Anti-Hu CD305 APC; leukocyte associated immunoglobulin like receptor; LAIR1; LAIR-1; anti-CD305 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NKTA255
Specificity	The mouse monoclonal antibody NKTA255 recognizes an extracellular epitope of CD305 / LAIR1, a 40 kDa type I transmembrane glycoprotein expressed on NK, T, and B cells, monocytes, dendritic cells, eosinophils, basophils, mast cells, CD34+ hematopoietic progenitor cells and thymocytes.
Purity/Purification	The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	269
Applicable Applications for anti-CD305 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Activated NK cells and CD3- thymocytes
Conjugation	APC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD305 antibody	CD305, also known as LAIR1 (leukocyte-associated Ig-like receptor 1), is an inhibitory receptor found on many types of peripheral blood cells. It serves to suppress cell cytotoxicity, activation, proliferation, and differentiation regarding autoantigens via its two intracellular ITIM sites. CD305 belongs to the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family of proteins. It reacts with collagen ligands.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	612407867
NCBI GeneID	3903
NCBI Accession #	NP_001275952.2
NCBI GenBank Nucleotide #	NP_001275952.2
UniProt Accession #	Q6GTX8

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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd305-antibody-clone-nkta255-flow-cytometry-elisa/128903>