

Mouse anti-Human CD1a Monoclonal Antibody | anti-CD1a antibody

Anti-Human CD1a Monoclonal Antibody (AF647 Conjugated) [OKT-6]

CATALOG # AAA174750	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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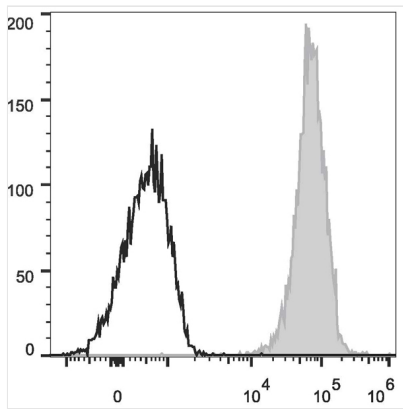
PRODUCT SYNONYMS

CD1a; Monoclonal Antibody; Anti-Human CD1a Monoclonal Antibody (AF647 Conjugated) [OKT-6]; Human CD1a; T6; R4; CD 1a; CD1A; T-cell surface glycoprotein CD1a; anti-CD1a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	OKT-6
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA.
Sequence Length	327
Applicable Applications for anti-CD1a antibody	FCM/FACS (Flow Cytometry)
Conjugation	AF647
Isotype Control	AF647 Mouse IgG1. κ Isotope Control [MOPC-21]
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Shipping: Biological ice pack at 4 degree C. Stability & Storage: Keep as concentrated solution. Store at 2–8 degree C and protected from prolonged exposure to light. Do not freeze. This product is guaranteed up to one year from purchase.

IMAGES



FCM/FACS (Flow Cytometry)
Human T lymphoblastic leukemia cell line Molt-4 are stained with Anti-Human CD1a Monoclonal Antibody(AF647 Conjugated)(filled gray histogram) or Mouse IgG1 Isotype Control Alexa Fluor 647(empty black histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-CD1a antibody	CD1a is a 49 kD member of the immunoglobulin superfamily also known as T6 and R4. It is a type I membrane glycoprotein with structural similarities to MHC class I and is non-covalently associated with beta2-microglobulin. CD1a plays a role in non-peptide glycolipid antigen presentation to CD1-restricted T cells. It is expressed on cortical double positive and single positive thymocytes, Langerhans cells, and dendritic cells. In addition to antigen presentation, CD1a has been implicated in thymic T cell development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	288558852
NCBI GeneID	909
UniProt Accession #	P06126
NCBI Official Full Name	T-cell surface glycoprotein CD1a
NCBI Official Synonym Full Names	CD1a molecule
NCBI Official Symbol	CD1A
NCBI Official Synonym Symbols	R4; T6; CD1; FCB6; HTA1
NCBI Protein Information	T-cell surface glycoprotein CD1a
UniProt Protein Name	T-cell surface glycoprotein CD1a
UniProt Gene Name	CD1A
UniProt Synonym Gene Names	hTa1 thymocyte antigen

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/cd1a-antibody-clone-okt-6-flow-cytometry-elisa/174750>