

Mouse anti-Human CD4 Monoclonal Antibody | anti-CD4 antibody

CD4 (CD4 Antigen, CD4 Molecule, CD4 Receptor, CD4mut, T Cell Surface Antigen T4/Leu3, T Cell Antigen T4, T Cell Surface Glycoprotein CD4) (MaxLight 650)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26823	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry

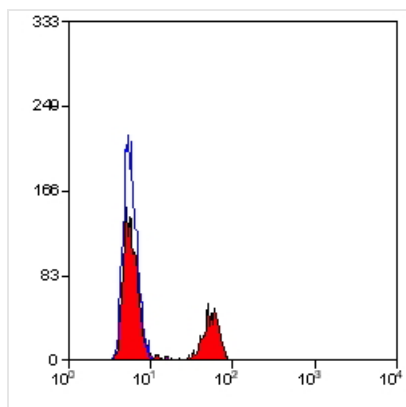
PRODUCT SYNONYMS

CD4; Monoclonal Antibody; CD4 (CD4 Antigen; CD4 Molecule; CD4 Receptor; CD4mut; T Cell Surface Antigen T4/Leu3; T Cell Antigen T4; T Cell Surface Glycoprotein CD4) (MaxLight 650); anti-CD4 antibody

PRODUCT SPECIFICATIONS

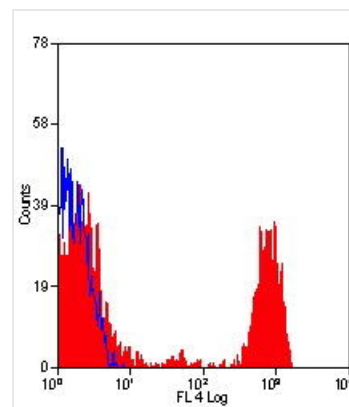
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H757
Specificity	Recognizes human CD4.
Purity/Purification	Purified by protein A affinity chromatography from tissue culture supernatant.
Form/Format	Supplied as a liquid in PBS, pH 7.2. Labeled with MaxLight650.
Applicable Applications for anti-CD4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Human PHA blasts.
Conjugate	MaxLight650
Preparation and Storage	Store at 4 degree C. Do Not Freeze.

IMAGES



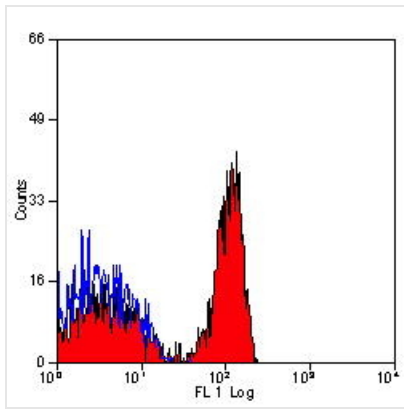
Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4:ALEXA 405



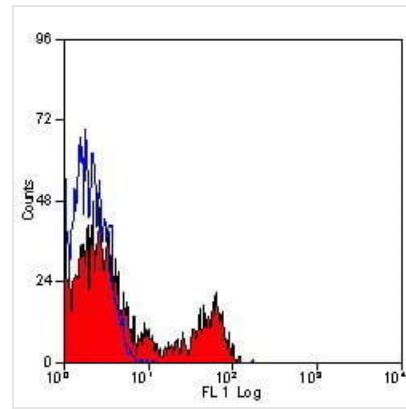
Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4: RPE-Alexa 647



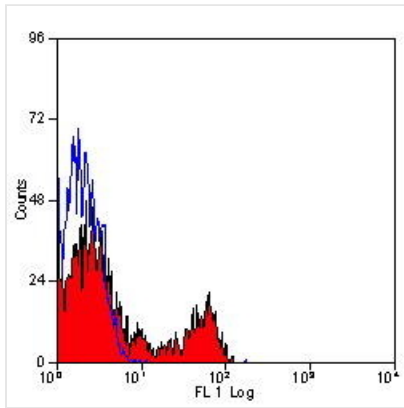
Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4: RPE - Alexa Fluor® 750



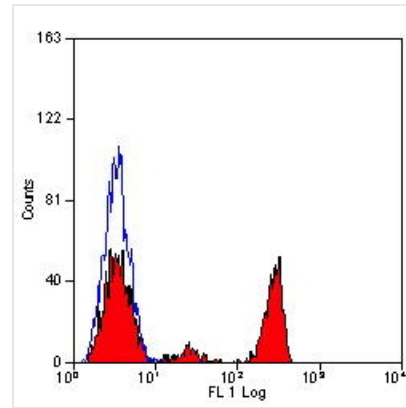
Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4: AZIDE FREE



Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4: Pacific Blue®



Application Data

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD4: Alexa Fluor® 488

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD4 antibody	Antibodies; CD Markers
References	1. Zarkesh-Esfahani, H. et al. (2001) High-dose leptin activates human leukocytes via receptor expression on monocytes. J. Immunol.167:4593 - 4599, 2. Voehringer, D. et al. (2002) Lack of proliferative capacity of human effector and memory T cells expressing killer cell lectin-like receptor G1 (KLRG1). Blood.100: 3698 - 3702, 3. Piatier-Tonneau, D. (1997) CD4 workshop panel report. In Leucocyte Typing VI. White cell differentiation antigens. Edited by Kishimoto, T., Kikutani, H., von dem Borne, A.E.G.Kr., Goyert, A.M., Mason, D.Y., Miyasaka, M., Moretta, L., Okumura, K., Shaw, S., Springer, T.A., Sugamura, K., Zola, H. Garland publishing Inc. New York & London.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835167
NCBI GeneID	920
NCBI Accession #	NP_000607.1
NCBI GenBank Nucleotide #	NM_000616.4
UniProt Accession #	P01730; Q4ZGK2; Q5U066; Q9UDE5; B2R737; D3DUS5
Molecular Weight	51,111 Da
NCBI Official Full Name	T-cell surface glycoprotein CD4 isoform 1
NCBI Official Synonym Full Names	CD4 molecule

NCBI Official Symbol	CD4
NCBI Official Synonym Symbols	CD4mut
NCBI Protein Information	T-cell surface glycoprotein CD4; CD4 receptor; CD4 antigen (p55); T-cell surface antigen T4/Leu-3
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	CD4
UniProt Entry Name	CD4_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/cd4-antibody-clone-3h757-flow-cytometry-immunohistochemistry-elisa/26823>