

Mouse anti-Human CD3 Monoclonal Antibody | anti-CD3 antibody

CD3 Monoclonal Antibody

CATALOG # AAA78213	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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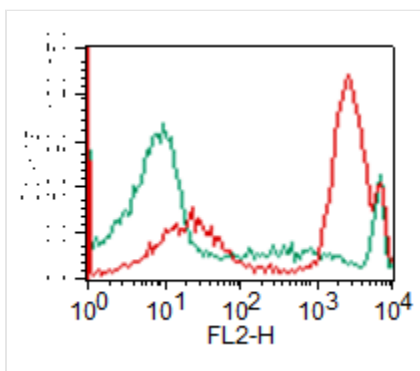
PRODUCT SYNONYMS

CD3; Monoclonal Antibody; CD3 Monoclonal Antibody; anti-CD3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a, Kappa
Clone Number	OKT3
Form/Format	Purified (Liquid); 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic
Concentration	0.5 mg/ml, 200 µl (varies by lot)
Sequence Length	171
Applicable Applications for anti-CD3 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human PBMCs were used as immunogen for the CD3 antibody
Preparation and Storage	Store antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles. Expire 1 year from date of purchase.

IMAGES



FCM/FACS (Flow Cytometry)

Cell Surface flow analysis of CD3 in PBMC (Lymphocytes) using 0.1 ug/10⁶ cells of CD3 antibody (Clone: OKT3). Green represents isotype control; red represents anti-CD3 antibody. Goat anti-mouse PE conjugate was used as secondary.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD3 antibody	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502669
NCBI GeneID	915
NCBI Accession #	NP_000723.1
NCBI GenBank Nucleotide #	NM_000732.4
UniProt Accession #	P04234; A8MVP6
NCBI Official Full Name	T-cell surface glycoprotein CD3 delta chain isoform A
NCBI Official Synonym Full Names	CD3d molecule, delta (CD3-TCR complex)
NCBI Official Symbol	CD3D
NCBI Official Synonym Symbols	T3D; IMD19; CD3-DELTA
NCBI Protein Information	T-cell surface glycoprotein CD3 delta chain; CD3 antigen, delta subunit; CD3d antigen, delta polypeptide (TiT3 complex); OKT3, delta chain; T-cell receptor T3 delta chain
UniProt Protein Name	T-cell surface glycoprotein CD3 delta chain
UniProt Gene Name	CD3D
UniProt Synonym Gene Names	T3D
UniProt Entry Name	CD3D_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/cd3-antibody-clone-okt3-flow-cytometry-elisa/78213>