

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

AF/LE Purified Anti-Human CD3 Antibody[OKT3]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174732	Mouse	Human	Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD3; Monoclonal Antibody; AF/LE Purified Anti-Human CD3 Antibody[OKT3]; T-cell surface glycoprotein CD3 epsilon chain; CD3E; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e; T3E; anti-CD3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a k
Clone Number	OKT-3
Form/Format	Liquid; 0.2 um filtered in PBS, pH7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or preservatives. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Concentration	0.5mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-CD3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), Inhibition Studies
Conjugation	None (Purified antibody-Azide Free/Low endotoxin)
Isotype Control	AF/LE Purified Mouse IgG2a, k Isotype Control[Cl.18.4] [Product Cat. #:]
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Conjugation	None (Purified antibody-Azide Free/Low endotoxin)
Preparation and Storage	Ships on blue ice. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Keep as concentrated solution.

ADDITIONAL INFORMATION

Related Product Information for anti-CD3 antibody	CD3? is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3? one CD3?, one CD3?, one CD3? (CD247), and a T cell receptor (?? or ??) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766
NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain

NCBI Official Synonym Full Names	CD3e molecule
NCBI Official Symbol	CD3E
NCBI Official Synonym Symbols	T3E; TCRE; IMD18
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain
UniProt Protein Name	T-cell surface glycoprotein CD3 epsilon chain
UniProt Gene Name	CD3E
UniProt Synonym Gene Names	T3E
UniProt Entry Name	CD3E_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://www.aaabiotech.com/monoclonal/cd3-antibody-clone-okt-3-immunohistochemistry-flow-cytometry-elisa/174732>