

Mouse CD3 Monoclonal Antibody | anti-CD3 antibody

CD3 antibody (PE)

CATALOG # AAA74622	HOST Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD3; Monoclonal Antibody; CD3 antibody (PE); Monoclonal CD3; Anti-CD3; CD-3; CD 3; anti-CD3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1k
Clone Number	CT-3
Specificity	Chicken
Form/Format	Liquid in PBS with 0.01% Sodium Azide and a stabilizing agent. R-phycoerythrin (PE) conjugate
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	167
Applicable Applications for anti-CD3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Cross Reactivity	Specific for Chicken/Pigeon CD3; Mr 20, 19 and 17 kDa
Biological Significance	In immunology, the CD3 T-Cell Co-Receptor (CD stands for cluster of differentiation) is a protein complex and is composed of four distinct chains. In mammals, the complex contains a CD3 γ chain, a CD3 Delta chain, and two CD3 ϵ chains. These chains associate with a molecule known as the T cell receptor (TCR) and the Zeta-chain to generate an activation signal in T lymphocytes.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Tag/Conjugate	PE
Immunogen	Chicken thymocytes and Ig-blood mononuclear cells.
Preparation and Storage	Store at 4 degree C. Avoid exposure to light. **Do not freeze**

ADDITIONAL INFORMATION

Related Product Information for anti-CD3 antibody	Mouse monoclonal CD3 antibody (PE)
Product Categories/Family for anti-CD3 antibody	Immunology ; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	1914807
UniProt Accession #	P79951; O13176

Molecular Weight	18,897 Da
NCBI Official Full Name	cd3
UniProt Protein Name	CD3gamma/delta
UniProt Gene Name	cd3g
UniProt Entry Name	P79951_XENLA

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/cd3-antibody-clone-ct-3-immunohistochemistry-flow-cytometry-elisa/74622>