

Rabbit anti-Human CD3e Polyclonal Antibody | anti-CD3E antibody

CD3e (T-Cell Marker)

CATALOG # AAA62518	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
------------------------------	-----------------------	----------------------------	-------------------------------------

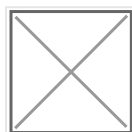
PRODUCT SYNONYMS

CD3e; Polyclonal Antibody; CD3e (T-Cell Marker); CD 3E; CD3 epsilon; CD3 TCR complex; CD3E; CD3e antigen epsilon polypeptide (TiT3 complex); T cell antigen receptor complex epsilon subunit of T3; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell surface glycoprotein CD3 epsilon chain; T3E; TCRe; TiT3 complex; anti-CD3E antibody

PRODUCT SPECIFICATIONS

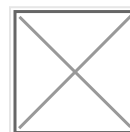
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG / kappa (Light Chain)
Specificity	Recognizes the chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms.
Form/Format	200ug/ml of Ab Purified from rabbit anti-serum by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide
Sequence Length	207
Applicable Applications for anti-CD3E antibody	WB (Western Blot)
Cellular Localization	Cell Membrane
Positive Control	Jurkat cells. Tonsil and lymph node
Immunogen	A synthetic peptide aa156-168 (ERPPVPNPDYEP) from human CD3e
Research Areas	Cardiovascular, Hematopoietic Stem Cells, Immuno Oncology, Immunology, PD-1 blockade immunotherapy
Preparation and Storage	Antibody with azide - store at 2 to 8°C. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified CD3e Rabbit Polyclonal Antibody Confirmation of Purity and Integrity of Antibody.



WB (Western Blot)

Western Blot of Jurkat cell lysate using CD3e Rabbit Polyclonal Antibody.



WB (Western Blot)

Western blot of CD3e in human Jurkat cells (1) absence and (2) presence of immunizing peptide. (3) Mouse thymus probed with CD3e Rabbit Polyclonal Antibody.

ADDITIONAL INFORMATION

References	1. Cibull ML et. al. Histopathology, 1989, 15(6):599-605. 2. Mason DY et. al. Journal of Clinical Pathology, 1989, 42(11):1194-200.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502671
NCBI GeneID	916
NCBI Accession #	NP_000724.1
NCBI GenBank Nucleotide #	NM_000733.3
UniProt Accession #	P07766; A8K997
Molecular Weight	20kDa
NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain
NCBI Official Synonym Full Names	CD3e molecule, epsilon (CD3-TCR complex)
NCBI Official Symbol	CD3E
NCBI Official Synonym Symbols	T3E; TCRE; IMD18
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e antigen, epsilon polypeptide (TIT3 complex); T-cell antigen receptor complex, epsilon subunit of T3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd3e-antibody-western-blot-elisa/62518>