

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

Rabbit anti-CD3E Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212599	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

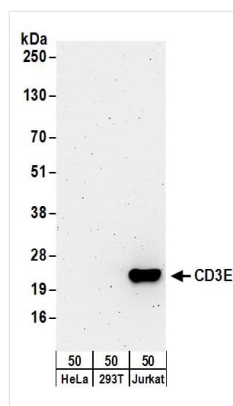
PRODUCT SYNONYMS

CD3E; Polyclonal Antibody; Rabbit anti-CD3E Antibody; Affinity Purified; CD3-epsilon; TCRC; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell antigen receptor complex; epsilon subunit of T3; CD antigen CD3e; IMD18; CD3e molecule; epsilon (CD3-TCR complex); CD3e antigen; epsilon polypeptide (TiT3 complex); T3E; CD3 epsilon subunit of T-cell receptor complex; anti-CD3E antibody

PRODUCT SPECIFICATIONS

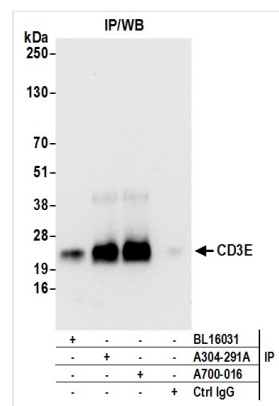
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CD3E antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 157 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



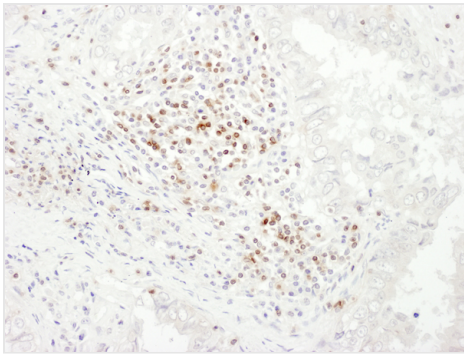
WB (Western Blot)

Detection of human CD3E by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-CD3E antibody AAA212599 (lot AAA212599-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CD3E by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-CD3E antibody AAA212599 (lot AAA212599-1) used for IP at 6 ug per reaction. CD3E was also immunoprecipitated by rabbit anti-CD3E antibody BL16032 and rabbit anti-CD3E recombinant monoclonal antibody [BL-298-5D12]. For blotting immunoprecipitated CD3E, was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human CD3E by immunohistochemistry. Sample: FFPE section of human lung cancer infiltrate. Antibody: Affinity purified rabbit anti-CD3E (Cat. No. AAA212599 Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CD3E antibody	CD3E is the CD3-epsilon polypeptide, which together with CD3-gamma,-delta and-zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The epsilon polypeptide plays an essential role in T-cell development [taken from NCBI Entrez Gene (Gene ID: 916)].
Product Categories/Family for anti-CD3E antibody	Primary Antibodies

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
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; CD3e antigen, epsilon polypeptide (TiT3 complex); T-cell antigen receptor complex, epsilon subunit of T3; T-cell surface antigen T3/Leu-4 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/polyclonal/cd3e-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212599>