

Rabbit anti-Human, Mouse CD3 epsilon Polyclonal Antibody | anti-CD3e antibody

CD3 epsilon Antibody

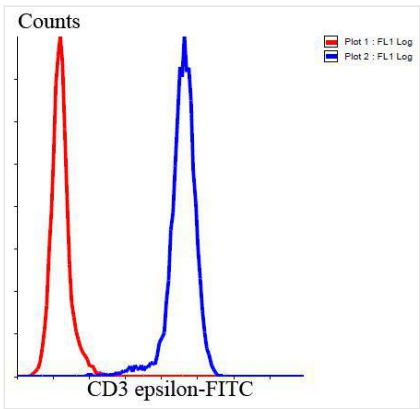
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29969	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

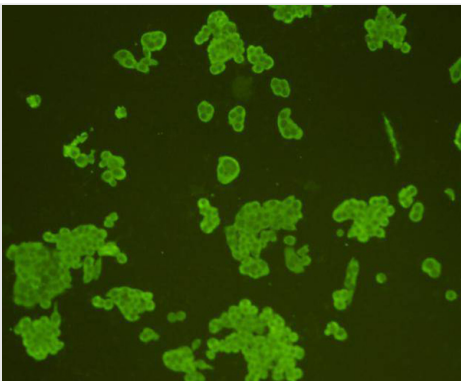
CD3 epsilon; Polyclonal Antibody; CD3 epsilon Antibody; CD3 epsilon antibody; CD3e antibody; CD3e antigen epsilon polypeptide (TiT3 complex) antibody; CD3E antigen epsilon polypeptide antibody; CD3E antigen; epsilon subunit antibody; CD3e molecule epsilon antibody; CD3e molecule; epsilon (CD3 TCR complex) antibody; epsilon (CD3-TCR complex) antibody; CD3E_HUMAN antibody; IMD18 antibody; T cell antigen receptor complex epsilon subunit of T3 antibody; T cell surface antigen T3/Leu 4 epsilon chain antibody; T cell surface glycoprotein CD3 epsilon chain antibody; T-cell surface antigen T3/Leu-4 epsilon chain antibody; T-cell surface glycoprotein CD3 epsilon chain antibody; T3E antibody; TCRE antibody; anti-CD3e antibody

PRODUCT SPECIFICATIONS

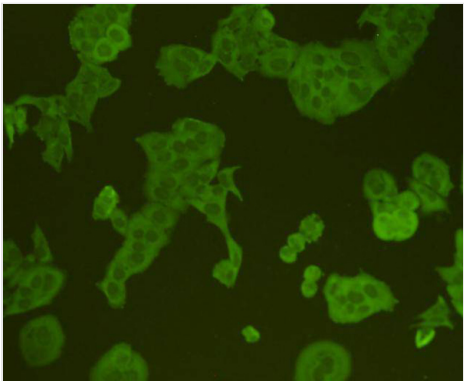
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD3e antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000 IHC: 1:200 ICC: 1:200 FC/FACS: 1:100-1:200
Immunogen	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to N-terminal residues of CD3 epsilon.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



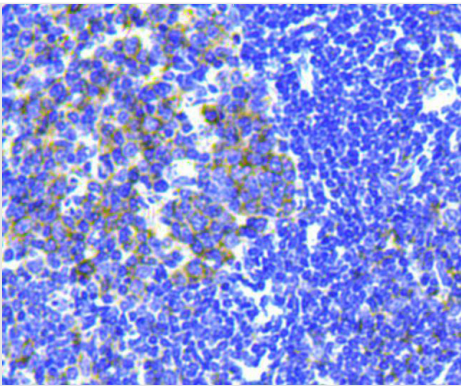
FCM (Flow Cytometry)
Flow cytometric analysis of Jurkat cells with CD3E antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



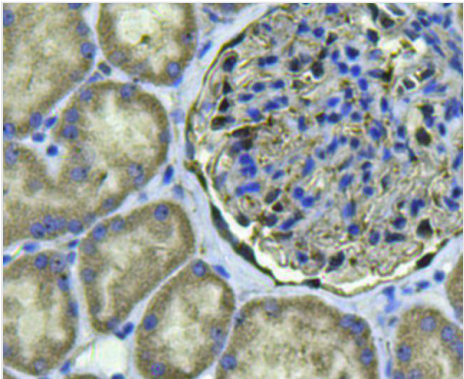
ICC (Immunocytochemistry)
ICC staining CD3E in Lovo cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



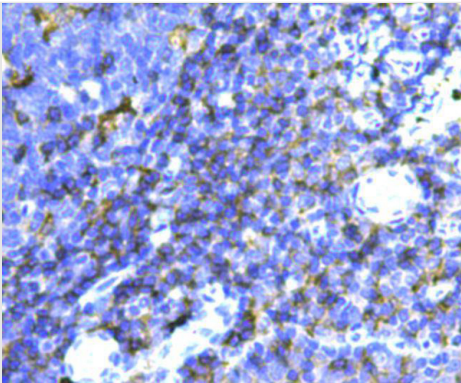
ICC (Immunocytochemistry)
ICC staining CD3E in HeLa cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-CD3E antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CD3E antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD3E antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD3e antibody	CD3 is composed of five invariant polypeptide chains that associate to form three dimers. The five invariant chains of CD3 are labeled gamma, delta, epsilon, zeta, and eta. Each of these polypeptides contains at least one immunoreceptor tyrosine-based activation motif (ITAM) These chains associate with the T cell receptor (TCR) and the zeta-chain to generate an activation signal in T lymphocytes.
Product Categories/Family for anti-CD3e antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766; A8K997
Molecular Weight	207
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd3-epsilon-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29969>