

Rabbit CD3 epsilon Polyclonal Antibody | anti-CD3E antibody

Anti-CD3 epsilon Antibody

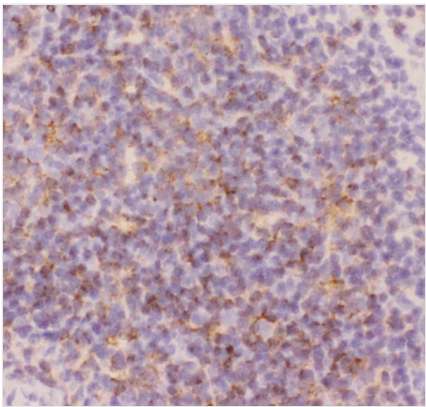
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA11598	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

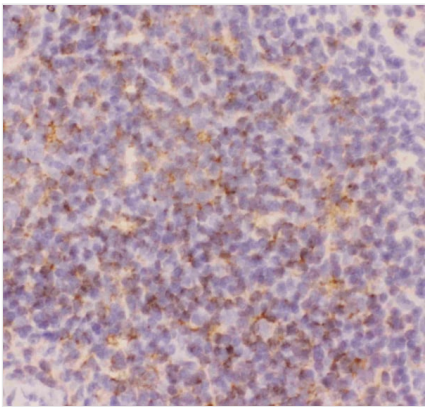
CD3 epsilon; Polyclonal Antibody; Anti-CD3 epsilon Antibody; T-cell surface glycoprotein CD3 epsilon chain; CD3e molecule; epsilon (CD3-TCR complex); CD3 epsilon antibody; CD3e antibody; CD3E antibody; CD3e antigen epsilon polypeptide (TiT3 complex) antibody; CD3E antigen epsilon polypeptide antibody; CD3E antigen; epsilon subunit antibody; CD3e molecule epsilon antibody; 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

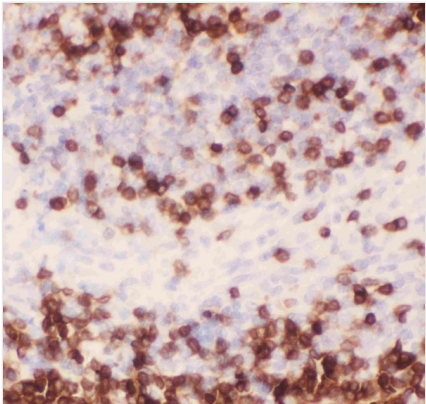
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	207
Applicable Applications for anti-CD3E antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived human CD3 epsilon recombinant protein (Position: D23-I207). Human CD3 epsilon shares 65% amino acid (aa) sequence identity with mouse CD3 epsilon.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



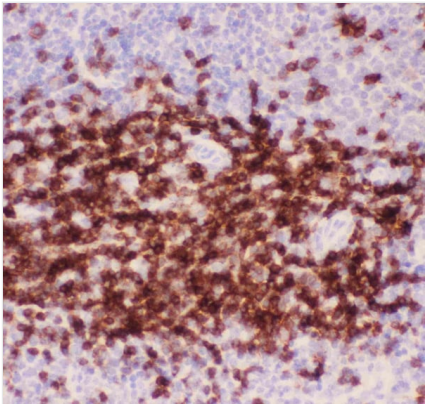
IHC (Immunohistochemistry)
Anti-CD3 epsilon Picoband antibody, pb9093-7.JPGIHC(F): Mouse Spleen Tissue



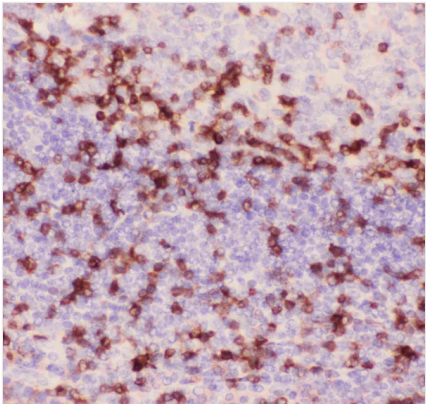
IHC (Immunohistochemistry)
Anti-CD3 epsilon Picoband antibody, pb9093-6.JPGIHC(F): Rat Spleen Tissue



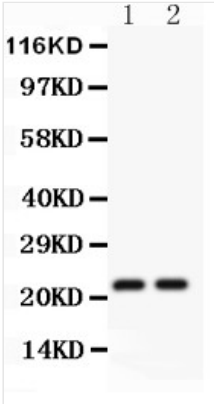
IHC (Immunohistochemistry)
Anti-CD3 epsilon Picoband antibody, AAA11598-5.JPGIHC(P): Rat Spleen Tissue



IHC (Immunohistochemistry)
Anti-CD3 epsilon Picoband antibody, AAA11598-4.JPGIHC(P): Mouse Spleen Tissue



IHC (Immunohistochemistry)
Anti-CD3 epsilon Picoband antibody, AAA11598-3.JPGIHC(P): Human Tonsil Tissue



Application Data
Anti-CD3 epsilon Picoband antibody, AAA11598-2.jpgAll lanes: Anti CD3 Epsilon (AAA11598)
at 0.5ug/mlLane 1: JURKAT Whole Cell Lysate at 40ugLane 2: CEM Whole Cell Lysate at
40ugPredicted bind size: 23KDObserved bind size: 23KD

ADDITIONAL INFORMATION

Related Product Information for anti-CD3E antibody	Description: Rabbit IgG polyclonal antibody for T-cell surface glycoprotein CD3 epsilon chain(CD3E) detection. Tested with WB, IHC-P, IHC-F in Human, Mouse, Rat. Background: CD3e molecule, epsilon also known as CD3E is a polypeptide which in humans is encoded by the CD3E gene which resides on chromosome 11. It is mapped to 11q23.3. The protein encoded by this gene 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 genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766; A8K997
Molecular Weight	23,147 Da
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.