

Mouse anti-Human CD3 epsilon Monoclonal Antibody | anti-CD3 epsilon antibody

CD3 epsilon Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA102735	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

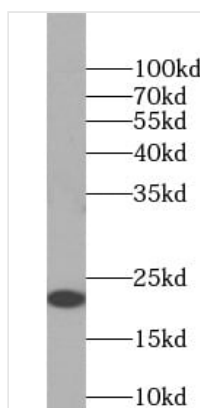
PRODUCT SYNONYMS

CD3 epsilon; Monoclonal Antibody; CD3 epsilon Mouse Monoclonal; CD3; CD3E; CD3-epsilon; T3E; TCRE; anti-CD3 epsilon antibody

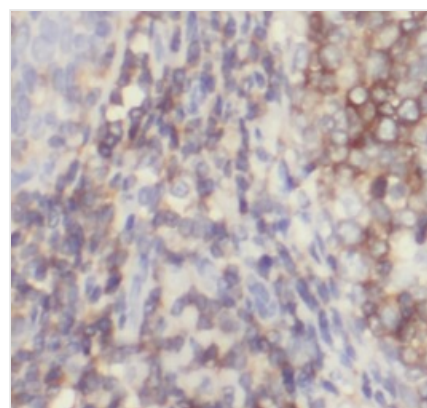
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Specificity	other species are not tested. Please decide the specificity by homology
Purity/Purification	Purification: Protein A+G purification Purity: ≥95% as determined by SDS-PAGE
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Sequence Length	202
Applicable Applications for anti-CD3 epsilon antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	CD3e molecule, epsilon (CD3-TCR complex)
Preparation and Storage	-20 degree C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES


WB (Western Blot)

Jurkat cells were subjected to SDS PAGE followed by western blot with AAA102735 (CD3E Antibody) at dilution of 1:10000


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using AAA102735 (CD3E Antibody) at dilution of 1:8000

ADDITIONAL INFORMATION

Related Product Information for anti-CD3 epsilon antibody	CD3 is a complex of proteins that directly associates with the T cell receptor (TCR). The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta. The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction. CD3 is considered to be a pan-T cell marker for detection of normal and neoplastic T cells. This anti-CD3 is a monoclonal antibody directed against the epsilon chain of human CD3 molecule.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	163918
NCBI GeneID	442981
UniProt Accession #	P07766; P27597
Molecular Weight	23 kDa
NCBI Official Full Name	CD3 epsilon
NCBI Official Symbol	CD3E
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain
UniProt Protein Name	T-cell surface glycoprotein CD3 epsilon chain
UniProt Gene Name	CD3E
UniProt Entry Name	CD3E_CANLF

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.