

Mouse anti-Human TCR Gamma/Delta Monoclonal Antibody | anti-CD3E antibody

Mouse Anti Human TCR Gamma/Delta

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50392	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry

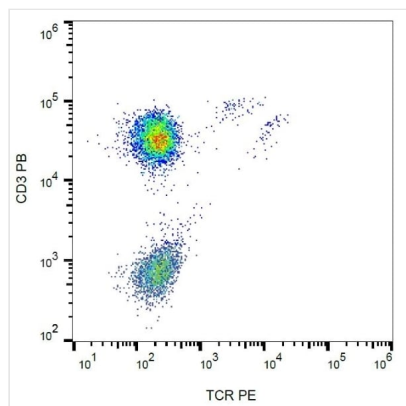
PRODUCT SYNONYMS

TCR Gamma/Delta; Monoclonal Antibody; Mouse Anti Human TCR Gamma/Delta; TCR Gamma/Delta antibody; B1; anti-CD3E antibody

PRODUCT SPECIFICATIONS

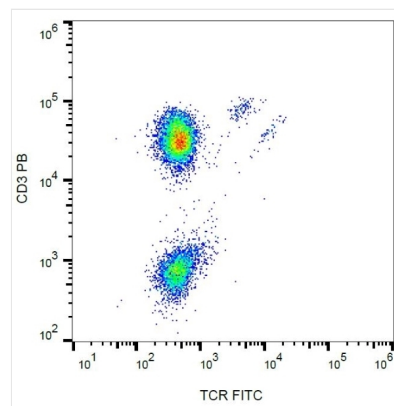
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	B1
Purity/Purification	>95% by SDS PAGE Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.
Form/Format	Purified IgG - Liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-CD3E antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Preservative Stabilizers	<0.1% Sodium Azide (NaN ₃)
Buffer Solution	Phosphate Buffered Saline
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted.

IMAGES



Application Data

Surface Staining of human peripheral blood lymphocytes with Mouse anti Human TCR gamma/delta:RPE



Application Data

Surface Staining of human peripheral blood lymphocytes with Mouse anti Human TCR gamma/delta:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD3E antibody	Mouse anti Human TCR gamma/delta, clone B1 recognizes TCR gamma/delta, a T cell receptor expressed by a small subset of T cells. In healthy individuals these TCR gamma/delta cells account for 1-10% of peripheral blood lymphocytes (Gomes et al. 2010). TCR gamma/delta is composed of disulfide bonded gamma and delta chains that can bind directly to pathogen derived glycoprotein's or non-classical MHC molecules on tumor cells (Kuhns et al. 2006). This clone B1 has been used as a blocking antibody in experiments to examine the recognition of tumor cells by TCR gamma/delta cells. These experiments supported the hypothesis that innate NK receptors on gamma/delta cells can also bind and recognize tumor cells (Correia et al. 2011).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766
NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain
NCBI Official Synonym Full Names	CD3e molecule
NCBI Official Symbol	CD3E
NCBI Official Synonym Symbols	T3E; TCRE; IMD18
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 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/monoclonal/tcr-gamma-delta-antibody-clone-b1-flow-cytometry-immunohistochemistry-elisa/50392>