

Anti-CD3E antibody (1-100 aa) [ABT295] (STJ197119)

STJ197119

GENERAL INFORMATION

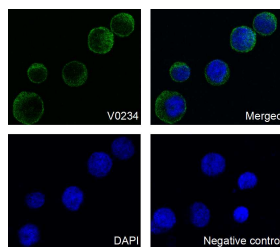
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-T-cell surface glycoprotein CD3 epsilon chain (1-100 aa) is suitable for use in Immunohistochemistry, Western Blot, Immunocytochemistry and Immunofluorescence research applications.
Applications	IHC/WB/ICC/IF
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

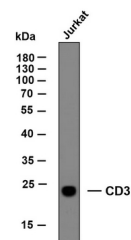
Clonality	Monoclonal
Clone ID	ABT295
Concentration	
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-P 1:100-500
Range	WB 1:200-1000 IF 1:100-500
Formulation	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG2ak
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

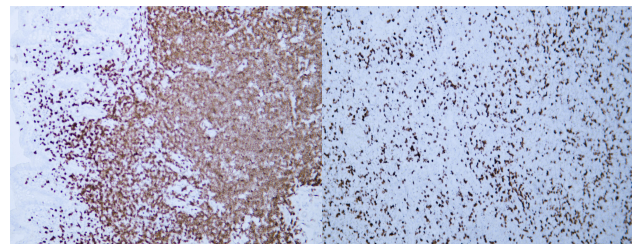
Gene ID	916
Gene Symbol	CD3E
Uniprot ID	CD3E_HUMAN
Immunogen	Synthesized peptide derived from the human CD3, CD3E at the amino acid range 1-100
Immunogen Region	1-100 aa
Specificity	The antibody can specifically recognize human CD3e protein, and shows no reaction with CD3d or CD3g. In western blotting of Jurkat cell lysate, the antibody can label a 23KDa band corresponding to CD
Immunogen Sequence	



Confocal immunofluorescent analysis of Jurkat cells labeling CD3 (ABT295) Mouse monoclonal antibody followed by Goat Anti- mouse IgG H&L (FITC Conjugate) secondary antibody (green). Counterstained with DAPI (blue). Negative control: PBS was used to instead of primary antibody, followed by Goat Anti-mouse IgG H&L (FITC Conjugate) secondary antibody (green).



Whole cell lysates of Jurkat were separated by 12% SDS-PAGE, and the membrane was blotted with anti-CD3 antibody. The HRP-conjugated anti- mouseIgG antibody was used to detect the antibody. Predicted band size: 23 kDa



Human appendix tissue was stained with Anti-CD3 (ABT295) Antibody

Human spleen tissue was stained with Anti-CD3 (ABT295) Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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