

CD3 epsilon recombinant antibody

Anti-CD3 epsilon [UCHT1]

CATALOG # AAA71926	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
------------------------------	----------------------------	---

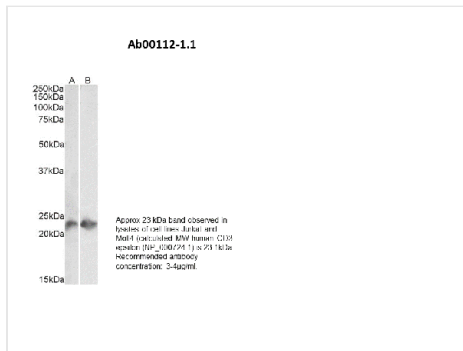
PRODUCT SYNONYMS

CD3 epsilon; Anti-CD3 epsilon [UCHT1]; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD3-epsilon; CD3 epsilon recombinant antibody

PRODUCT SPECIFICATIONS

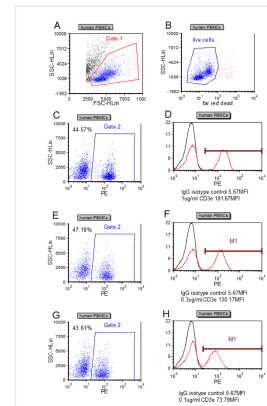
Reactivity	Human
Isotype	Mouse IgG1, kappa
Clone Number	UCHT1
Specificity	Epitopes on CD3-u found in heterodimers with CD3-delta and with CD3-gamma of alpha/beta T cell receptor (TCR).
Purity/Purification	Protein A Affinity Purified
Sequence Length	207
Applicable Applications for CD3 epsilon recombinant antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Human infant thymocytes.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot analysis (3 µg/ml) staining of Jurkat (A) and Molt4 (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Flow-cytometric analysis of the dose-dependency (D, F, H) of anti-hCD3e antibody binding to live human PBMCs (B). The gating strategy is shown for control purposes (A, B, C, E, G).

ADDITIONAL INFORMATION

Related Product Information for CD3 epsilon recombinant antibody	Recombinant monoclonal antibody to CD3 epsilon. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the hybridoma UCHT1.
---	--

Product Categories/Family for CD3 epsilon recombinant antibody	Immunology
References	Beverley PC, Callard RE. Distinctive functional characteristics of human "T" lymphocytes defined by E rosetting or a monoclonal anti-T cell antibody. Eur J Immunol. 1981 Apr; 11(4):329-34. PMID:6788570

NCBI AND UNIPROT INFORMATION

NCBI GI #	1345708
NCBI GeneID	916
UniProt Accession #	P07766; A8K997
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/human-recombinant-antibody/cd3-epsilon/71926>