

Mouse CD3 Monoclonal Antibody | anti-CD3 antibody

MOUSE ANTI HUMAN CD3:RPE

CATALOG # AAA12046	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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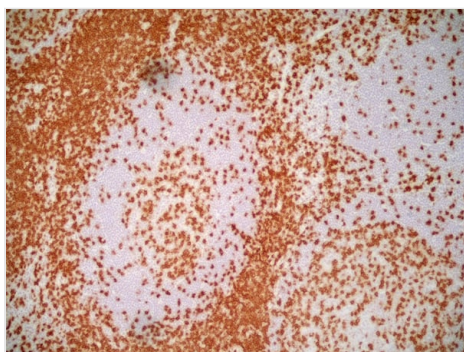
PRODUCT SYNONYMS

CD3; Monoclonal Antibody; MOUSE ANTI HUMAN CD3:RPE; anti-CD3 antibody

PRODUCT SPECIFICATIONS

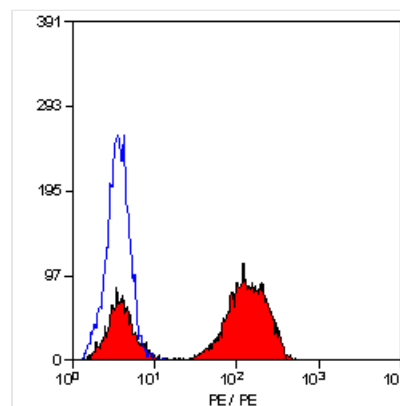
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	UCHT1
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	182
Applicable Applications for anti-CD3 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10 ⁶ cells or 100ul whole blood Flow Cytometry: Maximum Dilution: Neat
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of reconstitution.

IMAGES



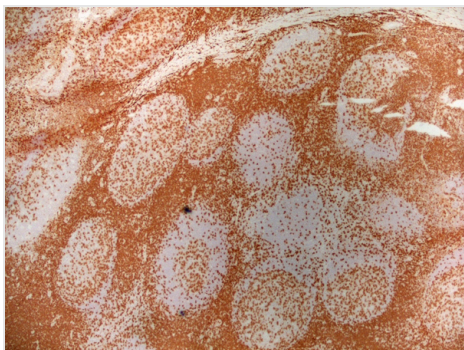
Application Data

Immunoperoxidase staining of human tonsil cryosection using Mouse anti Human CD3 antibody, clone UCHT1 followed by horseradish peroxidase Goat anti Mouse IgG2a antibody as a detection reagent. Medium power



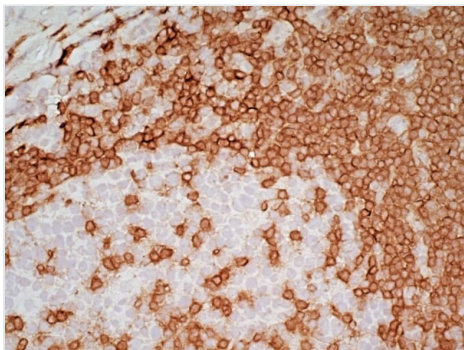
Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD3:RPE



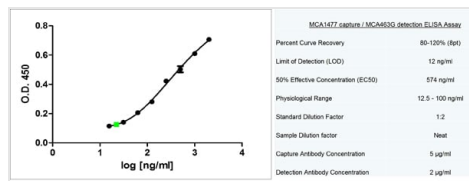
Application Data

Immunoperoxidase staining of human tonsil cryosection using Mouse anti Human CD3 antibody, clone UCHT1 followed by horseradish peroxidase Goat anti Mouse IgG2a antibody as a detection reagent. Low power



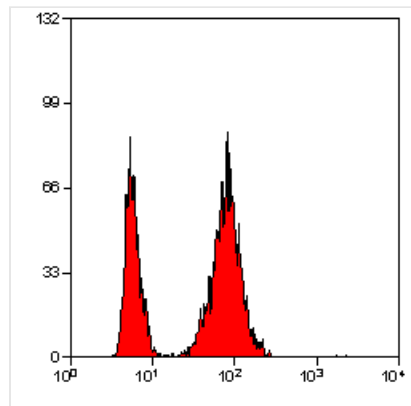
Application Data

Immunoperoxidase staining of human tonsil cryosection using Mouse anti Human CD3 antibody, clone UCHT1 followed by horseradish peroxidase Goat anti Mouse IgG2a antibody as a detection reagent. High power



Application Data

ELISA analysis of human CD3 expression using Rat anti Human CD3ε clone CD3-12 as a capture reagent and biotinylated Mouse anti Human CD3, clone UCHT1 as a detection reagent with recombinant human CD3 as antigen to produce the standard curve. Detection is by HRP conjugated streptavidin and substrate. Microtitre plate is read at O.D. 450 nm on the iMark Microplate Absorbance Reader. A serum (green) sample is included undiluted



Application Data

Staining of human peripheral blood lymphocytes with Mouse anti Human CD3:Alexa Fluor 405

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557429
NCBI GeneID	917
NCBI Accession #	NP_000064.1
NCBI GenBank Nucleotide #	NM_000073.2
Molecular Weight	20,469 Da
NCBI Official Full Name	T-cell surface glycoprotein CD3 gamma chain
NCBI Official Synonym Full Names	CD3g molecule, gamma (CD3-TCR complex)
NCBI Official Symbol	CD3G
NCBI Official Synonym Symbols	T3G; IMD17; CD3-GAMMA
NCBI Protein Information	T-cell surface glycoprotein CD3 gamma chain; CD3g antigen, gamma polypeptide (TiT3 complex); CD3g molecule, epsilon (CD3-TCR complex); T-cell antigen receptor complex, gamma subunit of T3; T-cell receptor T3 gamma chain
UniProt Protein Name	T-cell surface glycoprotein CD3 gamma chain
UniProt Gene Name	CD3G
UniProt Synonym Gene Names	T3G
UniProt Entry Name	CD3G_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd3-antibody-clone-ucht1-flow-cytometry-elisa/12046>