

Rat CD3 Monoclonal Antibody | anti-CD3 antibody

RAT ANTI MOUSE CD3:RPE

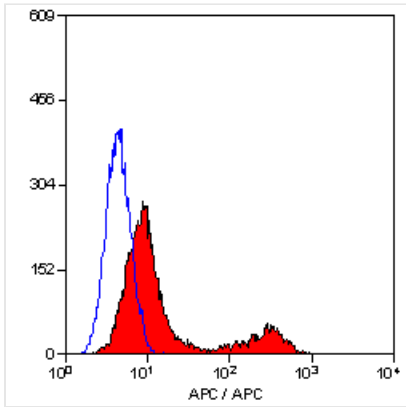
CATALOG #	HOST	APPLICATIONS
AAA12050	Rat	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

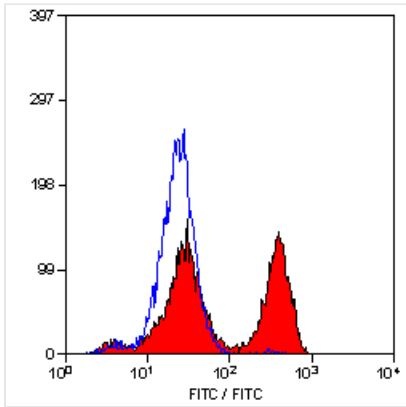
CD3; Monoclonal Antibody; RAT ANTI MOUSE CD3:RPE; anti-CD3 antibody

PRODUCT SPECIFICATIONS

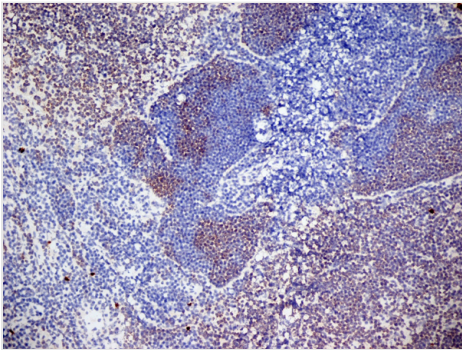
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	KT3
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Sequence Length	189
Applicable Applications for anti-CD3 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR. Flow Cytometry: Maximum Dilution: Neat
Reconstitution	Reconstitute with 1.0 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
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.



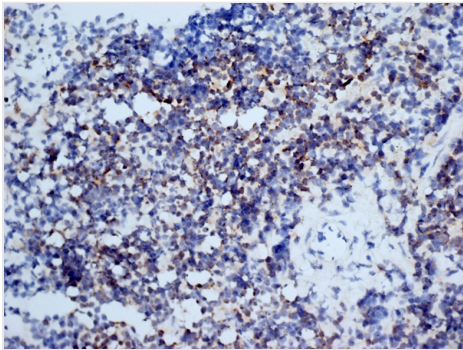
Application Data
Staining of mouse spleen cells with Rat anti Mouse CD3 Epsilon (T3): APC



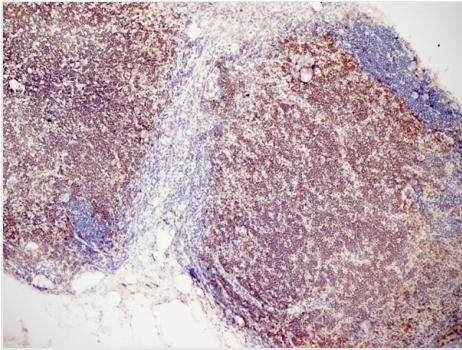
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD3 Epsilon (T3):
endotoxin low



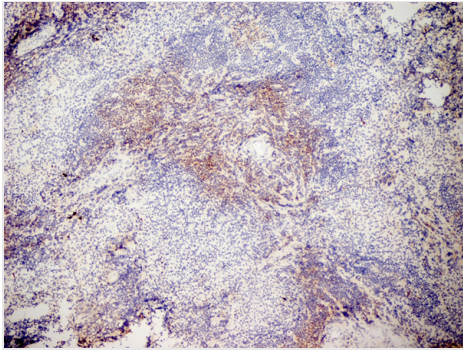
Application Data
Immunoperoxidase staining of Mouse lymph node cryosection with Rat anti Mouse CD3
antibody, clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a
detection reagent. Low power



Application Data
Immunoperoxidase staining of Mouse spleen cryosection with Rat anti Mouse CD3 antibody,
clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a detection
reagent. Medium power



Application Data
Immunoperoxidase staining of Mouse lymph node cryosection with Rat anti Mouse CD3
antibody, clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a
detection reagent. Low power



Application Data
Immunoperoxidase staining of Mouse spleen cryosection with Rat anti Mouse CD3 antibody,
clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a detection
reagent. Low power

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680886
NCBI GeneID	12501
NCBI Accession #	NP_031674.1
NCBI GenBank Nucleotide #	NM_007648.4
Molecular Weight	21,393 Da

NCBI Official Full Name	T-cell surface glycoprotein CD3 epsilon chain
NCBI Official Synonym Full Names	CD3 antigen, epsilon polypeptide
NCBI Official Symbol	Cd3e
NCBI Official Synonym Symbols	CD3; T3e; A1504783; CD3epsilon
NCBI Protein Information	T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain
UniProt Protein Name	T-cell surface glycoprotein CD3 epsilon chain
UniProt Gene Name	Cd3e
UniProt Entry Name	CD3E_MOUSE

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-kt3-flow-cytometry-elisa/12050>