

Rat CD3 Monoclonal Antibody | anti-CD3 antibody

RAT ANTI MOUSE CD3

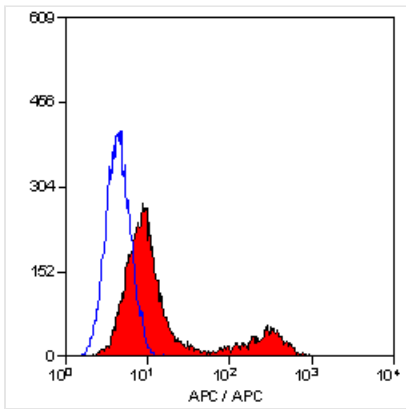
CATALOG #	HOST	APPLICATIONS
AAA11984	Rat	Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

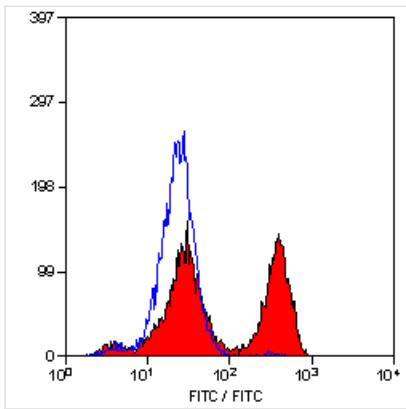
CD3; Monoclonal Antibody; RAT ANTI MOUSE CD3; Cd3z; T3d; Tcrz; anti-CD3 antibody

PRODUCT SPECIFICATIONS

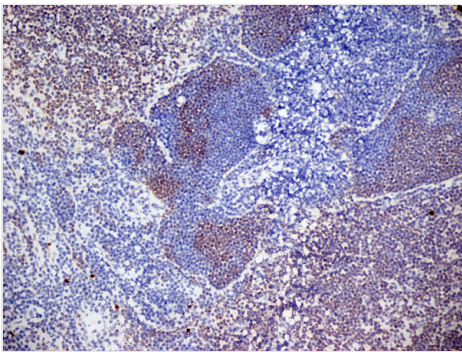
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	KT3
Specificity	Rat anti Mouse CD3 antibody, clone KT3 recognizes the mouse CD3 antigen, which is expressed by mature T cells. Rat anti Mouse CD3 antibody, clone KT3 may be used to trigger proliferation and cytotoxicity of CD3 positive cells. NB. For optimal staining incubations should be performed at room temperature.
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-CD3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Suggested Dilution: 1/100
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	CBAT6 thymocytes
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Fusion Partners	Spleen cells from immunized SD rats were fused with cells of the NS0 mouse myeloma cells line.
Preparation and Storage	It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.



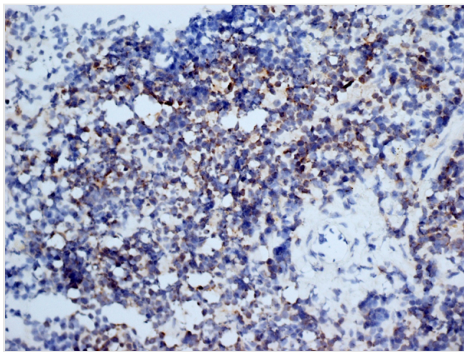
Application Data
Staining of mouse spleen cells with Rat anti Mouse CD3 Epsilon (T3): APC



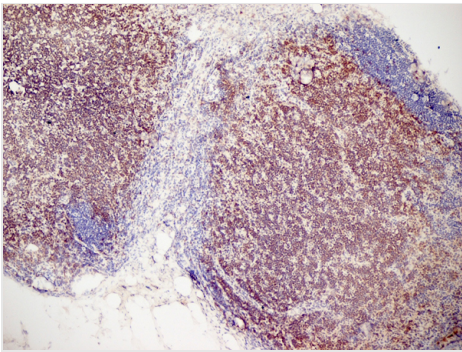
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD3 Epsilon (T3):
endotoxin low



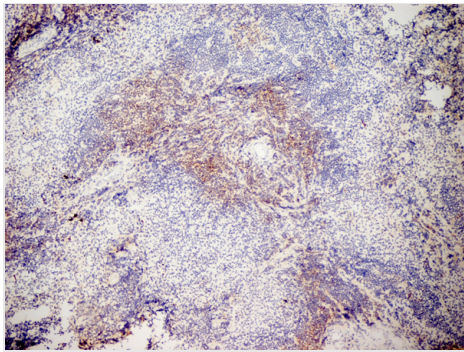
Application Data
Immunoperoxidase staining of Mouse lymph node cryosection with Rat anti Mouse CD3
antibody, clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a
detection reagent. Low power



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
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; AI504783; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd3-antibody-clone-kt3-immunohistochemistry-flow-cytometry-elisa/11984>