

Rat CD3 Monoclonal Antibody | anti-CD3 antibody

RAT ANTI MOUSE CD3

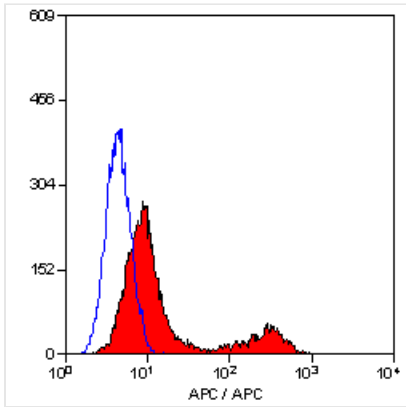
CATALOG # AAA12175	HOST Rat	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
------------------------------	--------------------	---

PRODUCT SYNONYMS

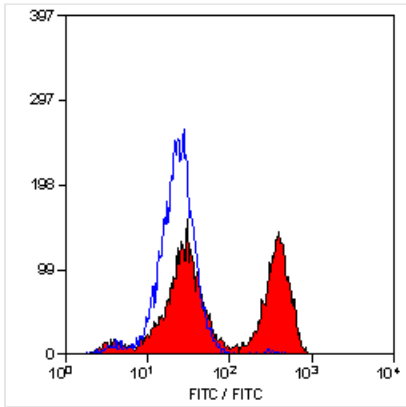
CD3; Monoclonal Antibody; RAT ANTI MOUSE CD3; anti-CD3 antibody

PRODUCT SPECIFICATIONS

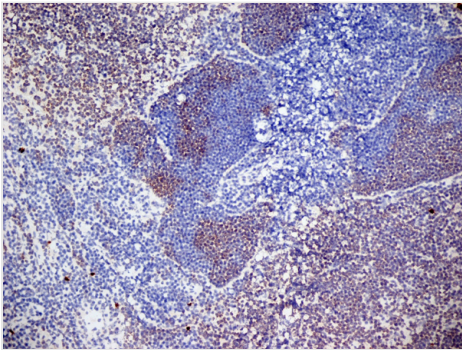
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	KT3
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-CD3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Immunohistology - Frozen: Application Note: The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommends the use of acetone fixation for frozen sections. Flow Cytometry: Maximum Dilution: 1/100
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Storage in frost-free freezers is not recommended. Shelf Life: 18 months from date of despatch.



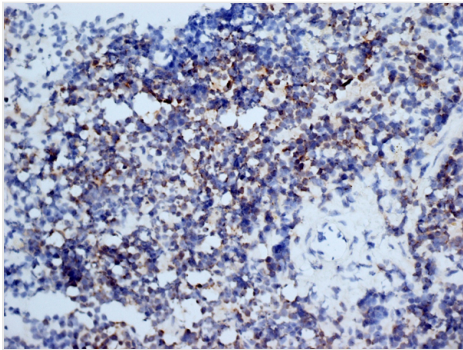
Application Data
Staining of mouse spleen cells with Rat anti Mouse CD3 Epsilon (T3): APC



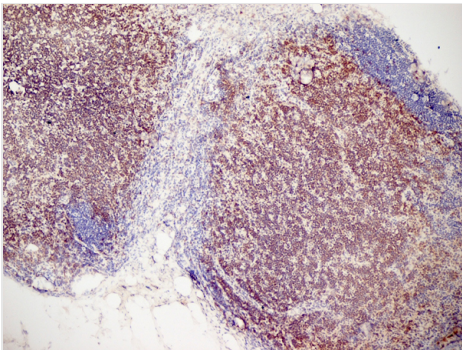
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD3 Epsilon (T3):
endotoxin low



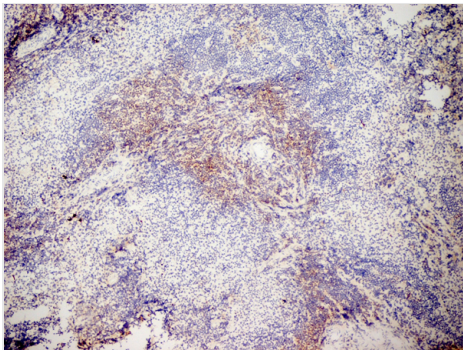
Application Data
Immunoperoxidase staining of Mouse lymph node cryosection with Rat anti Mouse CD3
antibody, clone KT3 followed by horseradish peroxidase conjugated Goat anti Rat IgG as a
detection reagent. Low power



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.

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/12175>