

Rat CD3 Monoclonal Antibody | anti-CD3 antibody

RAT ANTI MOUSE CD3:Low Endotoxin

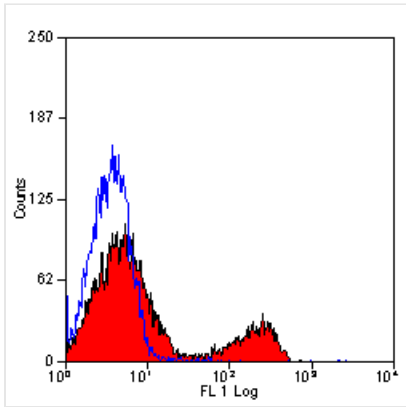
CATALOG # AAA12243	HOST Rat	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

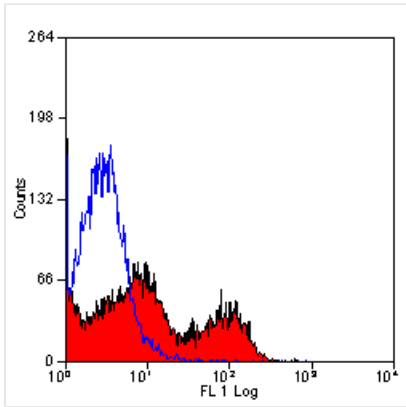
CD3; Monoclonal Antibody; RAT ANTI MOUSE CD3:Low Endotoxin; anti-CD3 antibody

PRODUCT SPECIFICATIONS

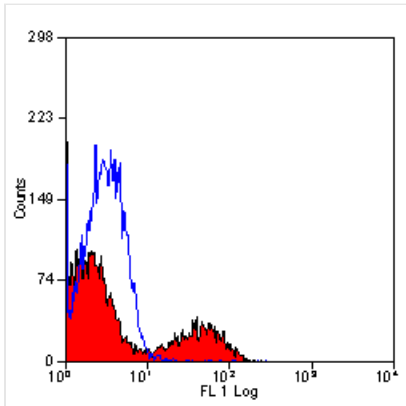
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	KT3
Form/Format	Low Endotoxin Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-CD3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	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
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at -20 degree C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



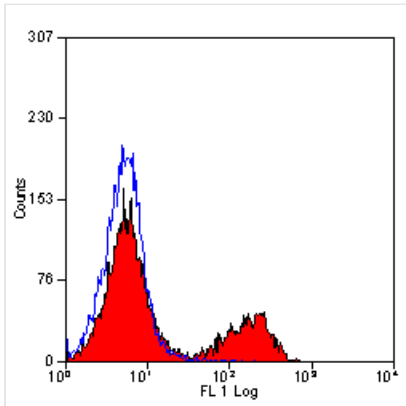
Application Data
Staining of mouse spleen with Rat anti Mouse CD3 Epsilon (T3): RPE



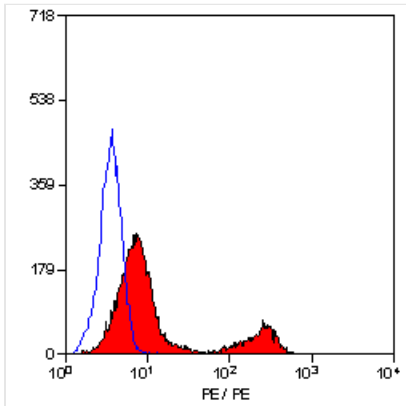
Application Data
Staining of mouse spleen with Rat anti Mouse CD3 Epsilon (T3): RPE - Alexa FluorR 750



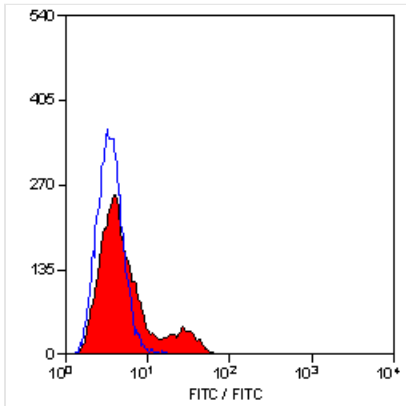
Application Data
Staining of mouse spleen with Rat anti Mouse CD3 Epsilon (T3): RPE - Alexa FluorR 647



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



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



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

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/12243>