

Rat CD8 ALPHA Monoclonal Antibody | anti-CD8 ALPHA antibody

RAT ANTI MOUSE CD8 ALPHA:APC

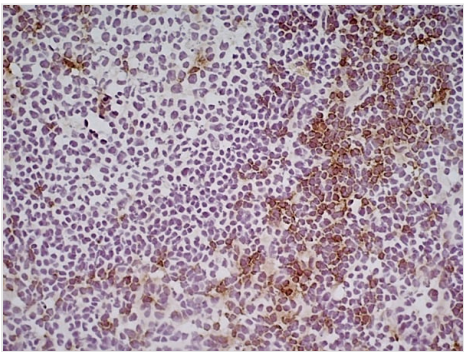
CATALOG # AAA11842	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

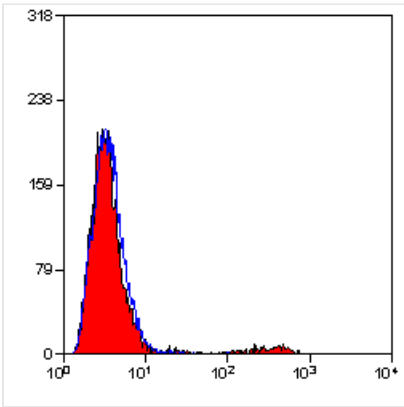
CD8 ALPHA; Monoclonal Antibody; RAT ANTI MOUSE CD8 ALPHA:APC; anti-CD8 ALPHA antibody

PRODUCT SPECIFICATIONS

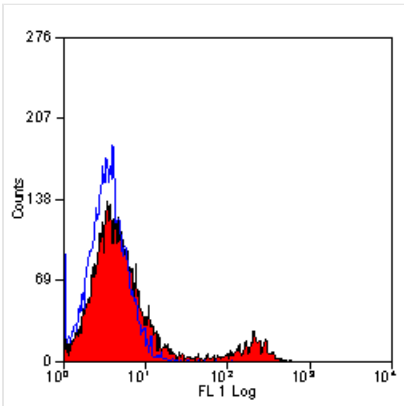
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	KT15
Form/Format	APC Purified IgG conjugated to Allophycocyanin (APC) - lyophilised
Sequence Length	247
Applicable Applications for anti-CD8 ALPHA antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. 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 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree C or at -20 degree C if preferred. 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: 12 months from date of reconstitution.



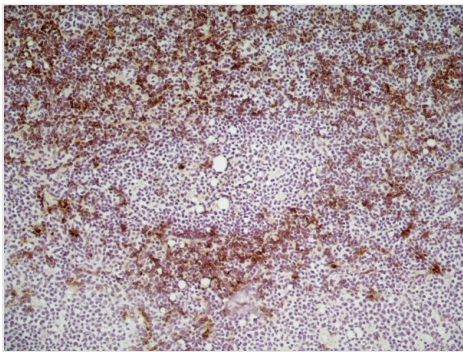
Application Data
Immunoperoxidase staining of mouse lymph node cryosection stained with Rat anti Mouse CD8alpha antibody, clone KT15 followed by horseradish peroxidase conjugatedGoat anti Rat IgG s a detection reagent. High power



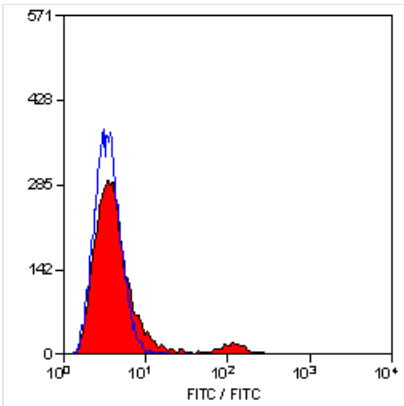
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD8 Alpha: Alexa Fluor 488



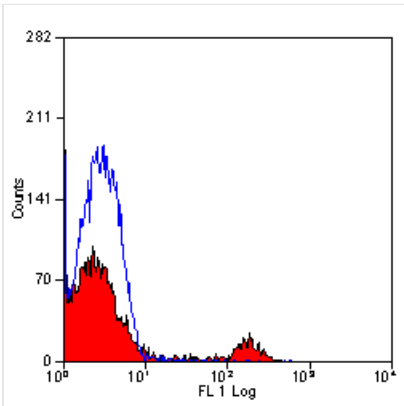
Application Data
Staining of mouse spleen with Rat anti Mouse CD8 Alpha: FITC



Application Data
Immunoperoxidase staining of mouse lymph node cryosection stained with Rat anti Mouse CD8alpha antibody, clone KT15 followed by horseradish peroxidase conjugatedGoat anti Rat IgG s a detection reagent. Medium power



Application Data
Staining of mouse spleen cells with Rat anti Mouse CD8 Alpha: Biotin



Application Data
Staining of mouse spleen with Rat anti Mouse CD8 Alpha: RPE - Alexa Fluor 647

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487437
NCBI GeneID	12525
NCBI Accession #	NP_001074579.1
NCBI GenBank Nucleotide #	NM_001081110.2
Molecular Weight	27,456 Da

NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8 antigen, alpha chain
NCBI Official Symbol	Cd8a
NCBI Official Synonym Symbols	Ly-2; Ly-B; Ly-35; Lyt-2; BB154331
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain; Lyt-2.1 lymphocyte differentiation antigen (AA at 100); T-cell surface glycoprotein Lyt-2
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	Cd8a
UniProt Synonym Gene Names	Lyt-2; Lyt2
UniProt Entry Name	CD8A_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/cd8-alpha-antibody-clone-kt15-flow-cytometry-elisa/11842>