

Mouse CD8 BETA Monoclonal Antibody | anti-CD8 BETA antibody

MOUSE ANTI RAT CD8 BETA

CATALOG # AAA12017	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunoprecipitation
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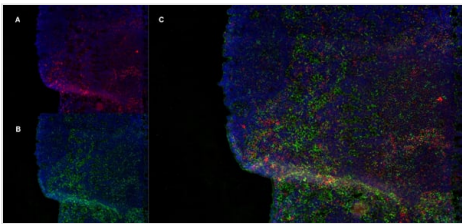
PRODUCT SYNONYMS

CD8 BETA; Monoclonal Antibody; MOUSE ANTI RAT CD8 BETA; anti-CD8 BETA antibody

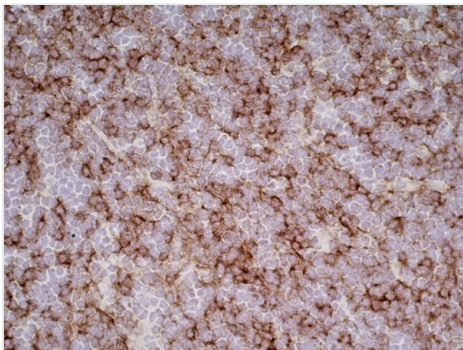
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	341
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	208
Applicable Applications for anti-CD8 BETA antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: 1/100; Maximum Dilution: 1/200
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Rat/mouse T cell hybrids expressing CD8 Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C for one month or at -20 degree C for longer. 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. Shelf Life: 18 months from date of despatch.

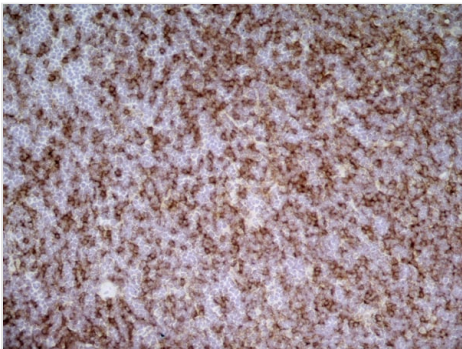
IMAGES



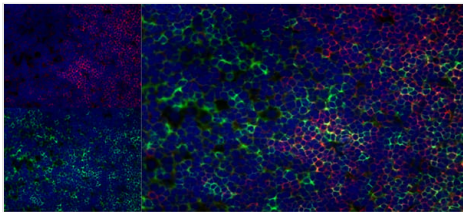
Application Data
Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD8beta, clone 341 , red in A and Mouse anti Rat anti Mouse CD4 antibody, clone W3/25 , green in B. C is the merged picture C with nuclei counterstained blue using DAPI. Low power



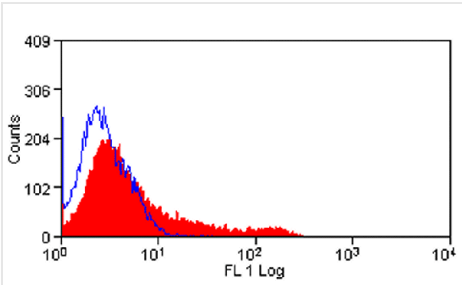
Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD8beta antibody, clone 341 followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 as a detection reagent. High power



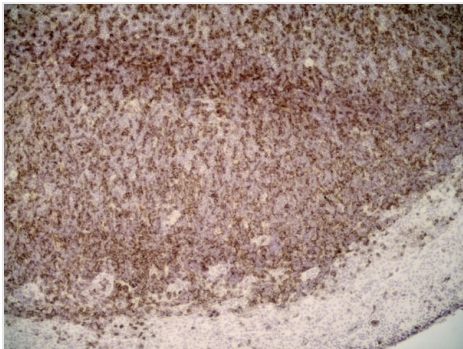
Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD8beta antibody, clone 341 followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 as a detection reagent. Medium power



Application Data
Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD8beta, clone 341 , red in A and Mouse anti Rat anti Mouse CD4 antibody, clone W3/25 , green in B. C is the merged picture C with nuclei counterstained blue using DAPI. High power



Application Data
Rat splenocytes stained with Mouse anti Rat CD8 Beta:FITC



Application Data
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD8beta antibody, clone 341 followed by horseradish peroxidase conjugated Goat anti Mouse IgG1 as a detection reagent. Low power

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 BETA antibody	Mouse anti Rat CD8 beta antibody, clone 341 recognizes the beta chain of the rat CD8 cell surface antigen, expressed on thymocytes and peripheral cytotoxic/suppressor cells. CD8b is not expressed by NK cells or by intestinal intraepithelial T cells. Mouse anti Rat CD8 beta antibody, clone 341 is reported to block proliferative and cytotoxic responses of CD8 +ve effector cells in vitro.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13928728
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NCBI GeneID	24931
NCBI Accession #	NP_113727.1
NCBI GenBank Nucleotide #	NM_031539.1
UniProt Accession #	P05541
Molecular Weight	23,400 Da
NCBI Official Full Name	T-cell surface glycoprotein CD8 beta chain
NCBI Official Synonym Full Names	CD8b molecule
NCBI Official Symbol	Cd8b
NCBI Official Synonym Symbols	Cd8b1
NCBI Protein Information	T-cell surface glycoprotein CD8 beta chain; CD8 antigen 37 kDa chain; CD8 antigen beta-chain; CD8 antigen, beta chain; CD8 antigen, beta-chain; OX-8 membrane antigen
UniProt Protein Name	T-cell surface glycoprotein CD8 beta chain
UniProt Gene Name	Cd8b
UniProt Synonym Gene Names	Cd8b1
UniProt Entry Name	CD8B_RAT

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-beta-antibody-clone-341-flow-cytometry-immunoprecipitation-elisa/12017>