

Mouse CD8 ALPHA Monoclonal Antibody | anti-CD8 ALPHA antibody

MOUSE ANTI RAT CD8 ALPHA

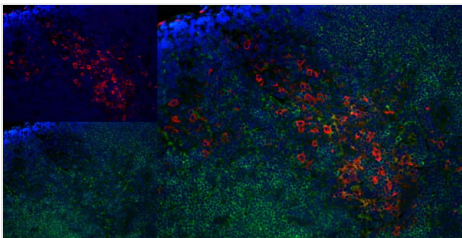
CATALOG #	HOST	APPLICATIONS
AAA11981	Mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence, Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

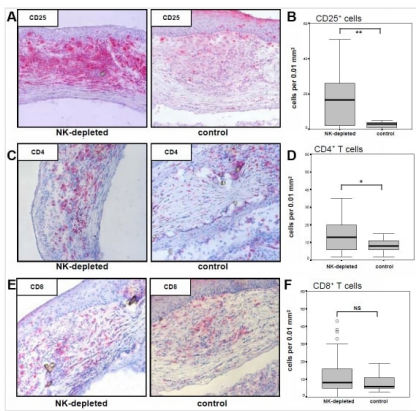
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	OX-8
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	236
Applicable Applications for anti-CD8 ALPHA antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Immunohistology: This product does not require protein digestion pre-treatment of paraffin embedded sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections. Flow Cytometry: Maximum Dilution: 1/100
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Rat thymocyte membrane glycoproteins Fusion Partners
Target Species	Rat
Preparation and Storage	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: 18 months from date of despatch.



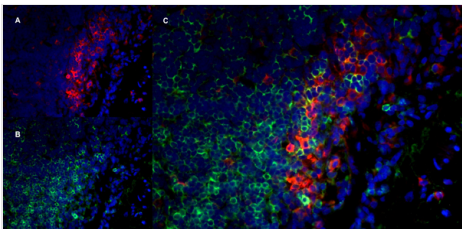
Application Data

Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD163 antibody , red in A and Mouse anti Rat CD8 MCA48), green in B. C is the merged image with nuclei counter-stained blue using DAPI. High power



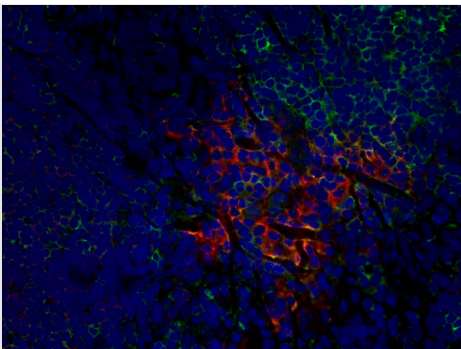
Application Data

Published customer image:Analysis of graft-infiltrating T cells. Activated CD25+ T cells and CD4+ and CD8+ T cell subsets were stained at the time points of corneal allograft rejection and calculated within the graft. A, C, and E show representative histological staining for CD25, CD4, and CD8 in grafts of treated and control animals, respectively. CD25+ (B) and CD4+ (D) cells infiltrated to a statistically significantly stronger extent in 3.2.3-treated animals when compared to control treated animals (*p



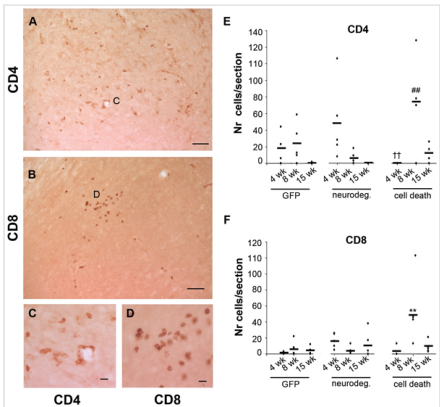
Application Data

Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD11b antibody , red in A and Mouse anti Rat CD8 , green in B. C is the merged image with nuclei counter-stained in blue using DAPI. High power



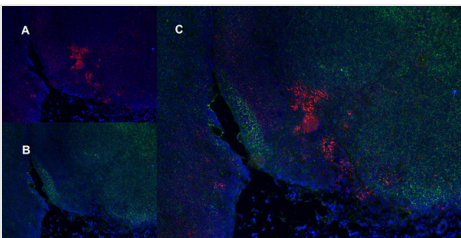
Application Data

Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD25 antibody , red in A and Mouse anti Rat CD8 , green in B. C is the merged image with nuclei counterstained blue using DAPI. High power



Application Data

Published customer image: CD4 and CD8 T cell infiltration. Photos show SN sections of an animal of the cell death group immunostained with antibody against CD4 (A and C) and CD8 (B and D). The small panels show insets in A (C) and in B (D) at higher magnification. Scale: 50 um, applies to A -B, 10 um applies to C -D. (E) Graph shows average (dash) and individual numbers of CD4+ cells found in one SN section per animal of each group plotted per time. Two-way ANOVA [F (8,42) = 4.1, p = 0.001 effect of group and time interaction] followed by Tukey HSD post-hoc analysis. ## or § p



Application Data

Immunofluorescence staining of rat lymph node cryosection with Mouse anti Rat CD25 antibody , red in A and Mouse anti Rat CD8 , green in B. C is the merged image with nuclei counterstained blue using DAPI. Low power

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928726
NCBI GeneID	24930
NCBI Accession #	NP_113726.1
NCBI GenBank Nucleotide #	NM_031538.2
Molecular Weight	26,196 Da
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	Cd8a
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain; CD8 antigen 32 kDa chain; CD8 antigen alpha-chain; CD8 antigen, alpha chain; CD8 antigen, alpha-chain; OX-8 membrane antigen
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	Cd8a
UniProt Entry Name	CD8A_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-alpha-antibody-clone-ox-8-immunohistochemistry-flow-cytometry-immunofluorescence-immunoprecipitation-immunohistochemistry-western-blot-elisa/11981>