

Rat anti-Mouse CD8a Monoclonal Antibody | anti-CD8a antibody

Anti-Mouse CD8a (Ly 2), APC (Clone CT-CD8a)(rat IgG2a)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74288	Rat	Mouse	Immunohistochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

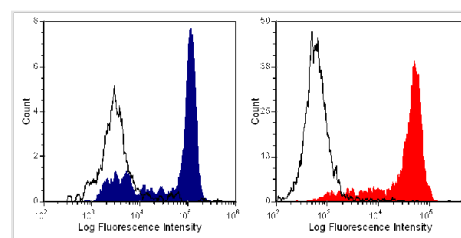
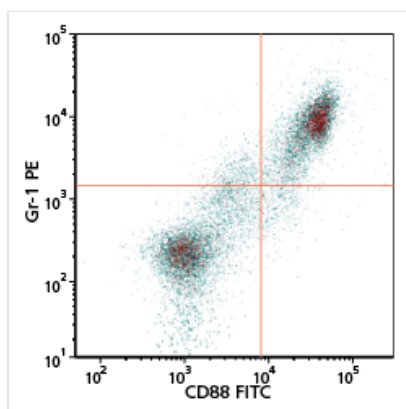
PRODUCT SYNONYMS

CD8a; Monoclonal Antibody; Anti-Mouse CD8a (Ly 2); APC (Clone CT-CD8a)(rat IgG2a); anti-CD8a antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a
Clone Number	CT-CD8a
Specificity	Mouse CD8a (Ly 2; Lyt 2)
Form/Format	APC conjugated IgG buffered in PBS, 0.02% NaN ₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5mg/ml.
Applicable Applications for anti-CD8a antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Conjugation	Allophycocyanin (APC)
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE

IMAGES



FCM/FACS (Flow Cytometry)

Balb/c peritoneal macrophages (left) or bone marrow (Gr-1 gate)(right) were stained with anti-CD8a receptor (CD88)(clone: 20/70)(filled histogram) or rat IgG2b isotype control (open histogram).

Application Data

CL7588F (CD88 FITC) and CL8991PE (Gr-1 PE) staining on C57BL/6 mouse bone marrow.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8a antibody

anti-mouse CD8a antigen monoclonal antibody binds to a protein of approximately 30,000 daltons found on 85% of mouse thymocytes, mouse cytotoxic/suppressor T cells and their precursors. It does not bind to mouse helper/inducer T cells. This antibody is not strain specific and can be used with all commonly used laboratory mice.

References

1. Tomonari, K. and Spencer, S. 1990 Epitope-specific binding of CD8 regulates activation of T cells and induction of cytotoxicity. *International Immunology* 2(12):1189-1194.
2. Whiteland, Joanne L., et al. 1995 Immunohistochemical detection of T-cell subsets and other leukocytes in paraffin-embedded rat and mouse tissues with monoclonal antibodies. *Journal of Histochemistry & Cytochemistry* 43.3: 313-320.

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://www.aaabiotech.com/monoclonal/cd8a-antibody-clone-ct-cd8a-immunohistochemistry-immunohistochemistry-flow-cytometry-elisa/74288>