

Rat anti-Mouse CD8 Monoclonal Antibody | anti-CD8 antibody

Rat anti CD8 (Ms) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71364	Rat	Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunoprecipitation, ELISA, Western Blot

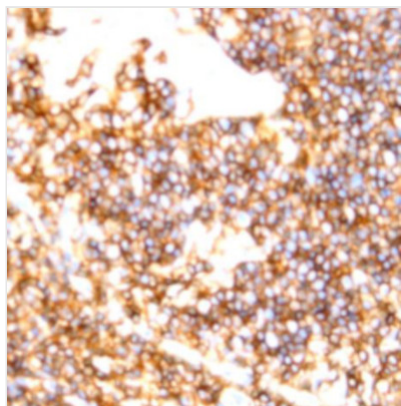
PRODUCT SYNONYMS

CD8; Monoclonal Antibody; Rat anti CD8 (Ms) Monoclonal Antibody; Cluster of Differentiation 8; anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2b
Clone Number	5H10
Specificity	This antibody recognizes mouse CD8 protein. The other species are not tested.
Purity/Purification	The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping
Form/Format	This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-CD8 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antigen Preparation	A recombinant protein derived from extracellular domain (22-182aa) was used as an immunogen
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 24 months from date of receipt when stored at –20°C to –70°C. The antibodies can be stored at 2°C-8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry: Human Tonsil (FFPE) stained with Mouse anti- CD8 (Clone 5H10) (Cat# AAA71364) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 antibody	Background: The CD8 antigen is a cell surface glycoprotein found on majority of cytotoxic T lymphocytes, thymocytes and some peripheral blood T cells. It mediates efficient cell-cell interactions within the immune system. CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. Studies show that different antibodies against human CD8 exert opposite effects on MHC-peptide tetramer binding to the TCR: tetramer staining was enhanced by OKT8 antibody, while it was blocked with SK1 antibody. CD8a is a critical coreceptor of cytotoxic T cells.
---	---

NCBI AND UNIPROT INFORMATION

Molecular Weight	34.0
------------------	------

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/cd8-antibody-clone-5h10-flow-cytometry-immunohistochemistry-immunoprecipitation-western-blot-elisa/71364>