

Mouse anti-Human CD8 alpha Monoclonal Antibody | anti-CD8alpha antibody

Mouse anti-CD8 alpha Monoclonal Antibody, Purified [C8/144B]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213505	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CD8 alpha; Monoclonal Antibody; Mouse anti-CD8 alpha Monoclonal Antibody; Purified [C8/144B]; Leu2 T-lymphocyte antigen; T-lymphocyte differentiation antigen T8/Leu-2; T-cell surface glycoprotein CD8 alpha chain; T-cell antigen Leu2; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; Leu2; CD8 antigen; alpha polypeptide (p32); CD8; CD antigen CD8a; p32; CD8 subunit alpha; anti-CD8alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	C8/144B
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-CD8alpha antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Immunogen	A 13 amino acid synthetic peptide from the C-terminal cytoplasmic domain of alpha chain of human CD8 molecule
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



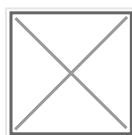
IHC (Immunohistochemistry)

Detection of human CD8 alpha by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Mouse monoclonal anti-CD8 alpha antibody [C8/144B] (AAA213505 lot 1) used at 1:100. Secondary: DyLight 594-conjugated goat anti-mouse IgG .



IHC (Immunohistochemistry)

Detection of human CD8a by immunohistochemistry. Sample: FFPE section of tonsil. Antibody: Mouse anti-CD8a monoclonal antibody [C8/144B] (AAA213505-3). Secondary: HRP-conjugated goat anti-mouse IgG .



FCM/FACS (Flow Cytometry)

Detection of human CD8 alpha (left) in human whole blood by flow cytometry. Antibody: Mouse anti-CD8 alpha monoclonal antibody [C8/144B] (AAA213505) or isotype control (right). Secondary: DyLight 488-conjugated goat anti-mouse IgG . Analysis performed on lymphocyte gated population.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8alpha antibody	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The 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. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain [taken from NCBI Entrez Gene (Gene ID: 925)].
Product Categories/Family for anti-CD8alpha antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	925
UniProt Accession #	P01732
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	CD8A
UniProt Synonym Gene Names	MAL
UniProt Entry Name	CD8A_HUMAN

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-alpha-antibody-clone-c8-144b-flow-cytometry-immunohistochemistry-immunohistochemistry-elisa/213505>