

CD8 alpha Recombinant Antibody | CD8alpha recombinant antibody

Rabbit anti-CD8 alpha Recombinant Monoclonal Antibody [BLR044F]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213544	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD8 alpha; Monoclonal Recombinant Antibody; Rabbit anti-CD8 alpha Recombinant Monoclonal Antibody [BLR044F]; 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; CD8alpha recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR044F
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 CD8alpha recombinant antibody	mIF (Multipleximmunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 185 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human CD8 alpha by western blot. Samples: Whole cell lysate (50 ug) from CD4+ T-cells, CD8+ T-cells, Jurkat, MOLT-4, RPMI-8226, MJ, C5/MJ, KG-1, SR, and K-562 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD8 alpha recombinant monoclonal antibody (AAA213544 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower panel: Recombinant monoclonal antibodies to CD3e and CD4 .



IHC (Immunohistochemistry)

Detection of human CD8 alpha (red) by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Rabbit anti-CD8 alpha recombinant monoclonal antibody (AAA213544 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: Opal. Counterstain: DAPI (blue).



IHC (Immunohistochemistry)

Detection of human CD8 alpha by immunohistochemistry. Sample: FFPE section of human melanoma. Antibody: Rabbit anti-CD8 alpha recombinant monoclonal antibody (AAA213544 lot 1) used at 1:100. Secondary: DyLight 594-conjugated goat anti-rabbit IgG .



IHC (Immunohistochemistry)

Detection of human CD8 alpha by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Rabbit anti-CD8 alpha recombinant monoclonal antibody (AAA213544 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



FCM/FACS (Flow Cytometry)

Detection of human CD8 (right) in PBMCs by flow cytometry. Antibody: Rabbit anti-CD8 recombinant monoclonal (AAA213544) or isotype control (left). Secondary: DyLight 650-conjugated goat anti-rabbit IgG . Analysis performed on lymphocyte gated population.

ADDITIONAL INFORMATION

Related Product Information for CD8alpha recombinant 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 CD8alpha recombinant 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd8-alpha-recombinant-antibody-clone-blr044f-multipleximmunofluorescence-flow-cytometry-immunohistochemistry-immunohistochemistry-western-blot-elisa/213544>