

Datasheet for ABIN7449561

Recombinant anti-CD8 alpha antibody (AA 185-235)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD8 alpha (CD8A)
Binding Specificity:	AA 185-235
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD8 alpha antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Multiplex Immunofluorescence (mIF)

Product Details

Purpose:	Rabbit anti-CD8 alpha Recombinant Monoclonal Antibody [BLR044F]
Immunogen:	between AA 185 and 235 (C-term)
Clone:	BLR044F
Isotype:	IgG

Target Details

Target:	CD8 alpha (CD8A)
---------	------------------

Target Details

Alternative Name: [CD8 alpha \(CD8A Products\)](#)

Background: Background: 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)].

Gene ID: 925

NCBI Accession: [NP_001759](#)

UniProt: [P01732](#)

Pathways: [TCR Signaling](#)

Application Details

Application Notes: IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections.
IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
WB: 17:40:00

Restrictions: For Research Use only

Handling

Concentration: 250 µg/mL

Buffer: Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months