

Datasheet for ABIN3071866
anti-CD7 antibody (Biotin)



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2 Images

Overview

Quantity:	100 µg
Target:	CD7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD7 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	T-acute lymphoblastic leukemia cells
Clone:	4H9
Isotype:	IgG2a kappa
Characteristics:	The clone 4H9 recognizes the 40 kDa CD7 antigen abundantly expressed on the human T and NK lymphocytes. The CD7 antigen is expressed throughout T lymphocyte differentiation and is present on 85 % to 90 % of peripheral blood T cells. In normal individuals, the CD7 antibody reacts with all CD8+ T cells, approximately 90 % of CD4+ T cells, and most NK cells. CD7 is weakly reactive with monocytes and does not react with granulocytes or B lymphocytes. It is also expressed on 50 % of thymocytes. In leukemias, the CD7 antigen is present on most T lymphoid lineages.
Purification:	Purified
Purity:	>95 %

Product Details

Grade: GMP Grade

Target Details

Target: CD7

Alternative Name: CD7 ([CD7 Products](#))

Background: The clone 4H9 recognizes the 40 kDa CD7 antigen abundantly expressed on the human T and NK lymphocytes. The CD7 antigen is expressed throughout T lymphocyte differentiation and is present on 85 % to 90 % of peripheral blood T cells. In normal individuals, the CD7 antibody reacts with all CD8+ T cells, approximately 90 % of CD4+ T cells, and most NK cells. CD7 is weakly reactive with monocytes and does not react with granulocytes or B lymphocytes. It is also expressed on 50 % of thymocytes. In leukemias, the CD7 antigen is present on most T lymphoid lineages.

NCBI Accession: [NM_006137](#)

UniProt: [P09564](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

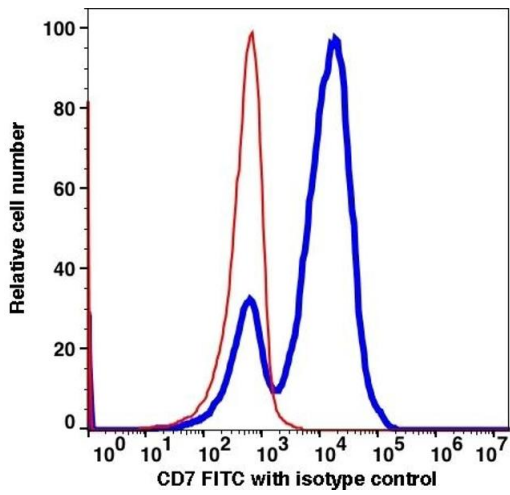
Concentration: 0.5 mg/mL

Buffer: PBS pH 7.2, 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



Flow Cytometry

Image 1.

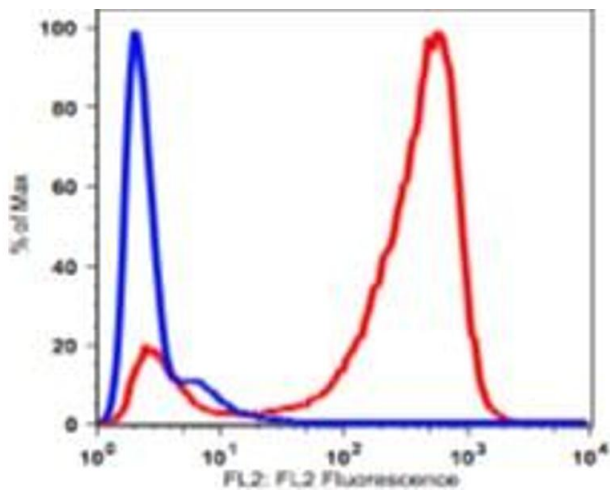


Image 2.