Datasheet for ABIN2704321

anti-CD7 antibody (FITC)

2 Images

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Overview

Quantity:	100 tests
Target:	CD7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD7 antibody is conjugated to FITC
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

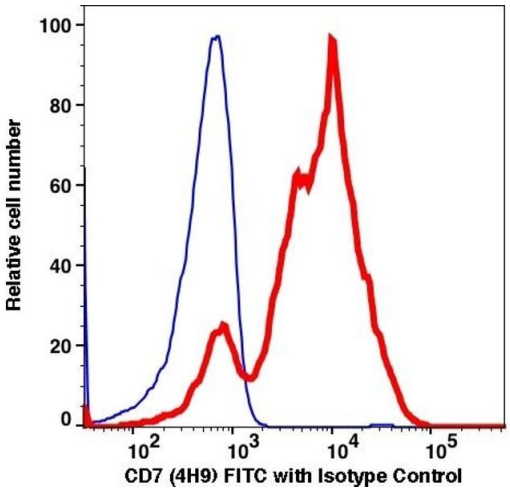
Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	The clone 4H9 recognizes the 40 kDa CD7 antigen abundantly expressed on the human T and NK lymphocytes. The CD7 antigen is expressed throughout T lymphocyte differentiation and is present on 85 % to 90 % of peripheral blood T cells. In normal 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:	200 µg/mL
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) 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.

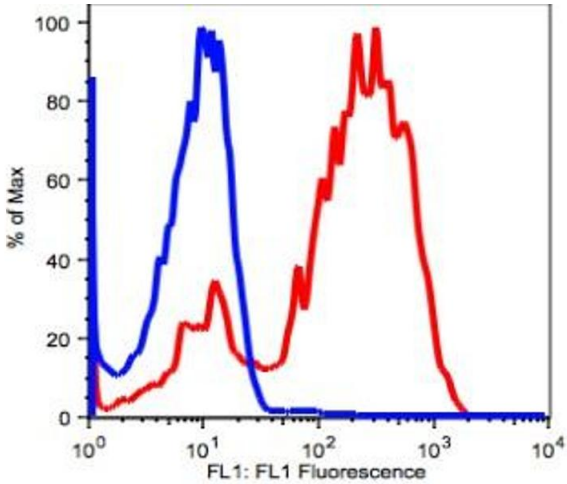


Image 2.

