

CD7 Antibody FITC Conjugated

Catalog No: #C03175F

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Description

Product Name	CD7 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 202-240 240 derived from human CD7
Conjugates	FITC
Target Name	CD7
Other Names	GP40; TP41; Tp40; LEU-9; T-cell antigen CD7; T-cell leukemia antigen; T-cell surface antigen Leu-9; CD7
Accession No.	Swiss-Prot#P09564NCBI Gene ID924
Uniprot	P09564
GeneID	924;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test

Background

CD7 is a 40 kDa transmembrane, single-chain glycoprotein, which is a member of the immunoglobulin superfamily. CD7 is expressed by the majority of thymocytes and mature T cells, NK cells and pre-B cells. It plays an essential role in T-cell interactions and also in T-cell B-cell interaction during early lymphoid development. The function of CD7 is not yet known although cross-linking of CD7 with induces a T cell transmembrane calcium flux and CD7 expression is induced by ionomycin. The CD7 molecule has been reported to be the receptor for the IgM-Fc portion (FcR mu) on the surface of T cells.

Note: This product is for in vitro research use only