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DATASHEET

CD45RA Antibody (CF-Blue)

Catalogue No.:abx200328

Human CD45RA is expressed on all cells of hematopoietic origin, except erythrocytes. CD45RA is a transmembrane tyrosine phosphate which can exist in at least nine different isoforms resulting from tissue-specific alternative RNA splicing of exons 4-7 of a single gene coding for the various N-terminal peptide segments. The CD45RA isoform predominates on naive/resting T cells and medullary thymocytes.

Target:	CD45RA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Tested Applications:	FCM
Recommended dilutions:	FCM: 20 µl/1 million cells. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Tissue / cell preparation (Human). Fresh human lymph node lymphocytes depleted of surface immunoglobulin positive cells were used as the immunogen. This antigen is a single chain glycoprotein which is expressed on B cells, monocytes, and T cell subsets.
Purification:	Affinity Chromatography
Form:	Liquid
Isotype:	IgG_1
Conjugation:	CF-Blue
Specificity:	The HI100 monoclonal antibody reacts with human CD45RA, a 220 kDa molecule expressed by subpopulations of CD4+ peripheral Tlymphocytes, CD8+ peripheral T lymphocytes, and B cells. The CD45RA+ T cell populations are mainly naive/virgin allowing the use of HI100mAb as a phenotypic marker to discriminate T cell subsets.
Storage:	Store in the dark at 2-8 °C.
Molecular Weight:	220 kDa
Swiss Prot:	P08575
GeneID:	5788

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Enzyme Commission Number: EC 3.1.3.4

Buffer:	The reagent is provided in aqueous buffered solution containing protein stabilizer, and ≤0.09% sodium Azide
Note:	This product is for research use only.