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36-3072: Anti-CD45RB (Leucocyte Marker) Monoclonal Antibody(Clone: BRA-11; same as BRA-11G)-CF488

Clonality :	Monoclonal
Clone Name :	BRA-11; same as BRA-11G
Application :	FACS,IF
Reactivity :	Human
Conjugate :	CF488
Gene :	PTPRC
Gene ID :	5788
Uniprot ID :	P08575
Alternative Name :	B220, CD45R, GP180, Leukocyte common antigen (LCA), Loc, Ly-5, Lyt-4, Protein tyrosine phosphatase receptor type C (PTPRC), Receptor-type tyrosine-protein phosphatase C, T200 glycoprotein
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Non-T, non-B CALLA positive ALL cell line REH (Leucocyte Workshop IV and V)

Description

CD45R, also designated CD45 and PTPRC, has been identified as a transmembrane glycoprotein, broadly expressed among hematopoietic cells. Multiple isoforms of CD45R are distributed throÂµghout the immune system according to cell type. These isoforms arise because of alternative splicing of exons 4, 5, and 6. The corresponding protein domains are characterized by the binding of monoclonal antibodies specific for CD45RA (exon 4), CD45RB (exon 5), CD45RC (exon 6) and CD45RO (exons 4 to 6 spliced out). The variation in these isoforms is localized to the extracellular domain of CD45R, while the intracellular domain is conserved. CD45R functions as a phosphor-tyrosine phosphatase. Antibody to CD45 is useful in differential diagnosis of lymphoid tumors from non-hematopoietic undifferentiated neoplasms.

Product Info

Amount :	0.5 ml at 100µg/ml
Content :	Antibody Purified from Bioreactor Concentrate by Protein A/G and conjµgated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format.
Storage condition :	Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Flow Cytometry: 5ul per test per one million cells (or 5ul per 100ul of whole blood);Immunofluorescence (1:50-1:100)

For Research Use Only. Not for use in diagnostic/therapeutics procedures.