

Protein Tyrosine Phosphatase Receptor Type C (PTPRC) Antibody (FITC)

Catalogue No.: abx200301

The CD45 molecule is also known as the Leukocyte Common Antigen (LCA) or T200 antigen, and is comprised of different glycoproteins ranging from 180-240 kDa. Expression of CD45 is found on all hemopoietic cells, e.g. granulocytes, monocytes, macrophages and lymphocytes, except mature erythroid cells. Detection of the different isoforms can distinguish, for example, between naive T cells and memory T cells, which is of interest in patients with immunodeficiency and autoimmune diseases.

Target:	CD45
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:	Human Peripheral Blood Leucocytes.
Purification:	Affinity Chromatography
Form:	Liquid
Isotype:	IgG ₁
Conjugation:	FITC
Specificity:	he 180, 195, 205, 220, kD MW components of the leucocyte common antigen complex to be found on lymphocytes, monocytes, granulocytes, thymocytes and malignant T and B cells. No reactivity has been observed with primary or metastatic carcinoma cells. Plasma cells or myeloma cells may have weak expression or be negative for this antigen
Storage:	Store in the dark at 2-8 °C.
Molecular Weight:	180-220 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 $\leq 0.09\%$ sodium Azide

Note: This product is for research use only.