

Product datasheet for **TA320450**

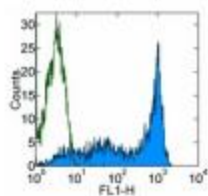
CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: HI100]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HI100
Applications:	FC
Recommended Dilution:	Flow, IHC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein tyrosine phosphatase, receptor type C
Database Link:	NP_563579 Entrez Gene 5788 Human P08575
Background:	The HI100 monoclonal antibody reacts with human CD45RA, a 220 kDa molecule expressed by subpopulations of CD4+ peripheral T lymphocytes, CD8+ peripheral T lymphocytes, and B cells. The CD45RA+ T cell populations are mainly naive/virgin allowing the use of HI100 mAb as a phenotypic marker to discriminate T cell subsets.
Synonyms:	B220; CD45; CD45R; GP180; LCA; LY5; T200
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Phosphatase, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs), Fc gamma R-mediated phagocytosis, Primary immunodeficiency, T cell receptor signaling pathway



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Product images:

Staining of normal human peripheral blood cells with 0.25 ug of Mouse IgG2b Isotype Control Purified (open histogram) or 0.25 ug of Anti-Human CD45RA Purified (filled histogram) followed by Anti-Mouse IgG FITC. Cells in the lymphocyte gate were used for analysis.