

## Product datasheet for **TA320454**

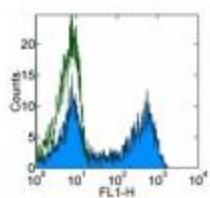
### CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: UCHL1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	UCHL1
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:	<a href="#">NP_563579</a> <a href="#">Entrez Gene 5788 Human P08575</a>
Background:	The UCHL1 monoclonal antibody reacts with human CD45RO, a 180 kDa isoform of CD45. CD45RO is expressed by most thymocytes, activated memory T cells, granulocytes and monocytes. CD22 is a ligand for CD45RO. Expression of CD45RO and CD45RA is used commonly to discriminate subsets of peripheral T cells.
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 IgG2a kappa Isotype Control Purified (open histogram) or 0.25 ug of Anti-Human CD45RO Purified (filled histogram) followed by Anti-Mouse IgG FITC. Cells in the lymphocyte gate were used for analysis.