

## Product datasheet for **TA320453**

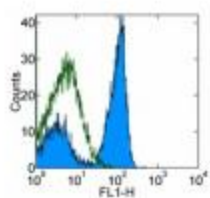
### CD45 (PTPRC) Rat Monoclonal Antibody [Clone ID: RA3-6B2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	RA3-6B2
Applications:	FC
Recommended Dilution:	Flow, IHC, IP
Reactivity:	Human, Mouse
Host:	Rat
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 19264 Mouse</a> <a href="#">Entrez Gene 5788 Human</a> <a href="#">P08575</a>
Background:	The RA3-6B2 monoclonal antibody reacts with exon A-restricted isoform of mouse CD45, a 220 kDa surface molecule. CD45R/B220 epitope is mainly expressed by the B cell lineage from early Pro-B to mature B cells. However, some activated T cells, lymphokine activated killer cells (LAK), NK cell progenitors in the bone marrow, and T cells of the lpr/lpr mutant mouse also express this antigen.
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 C57Bl/6 splenocytes with 0.5 ug of Rat IgG2a Isotype Control Purified (open histogram) or 0.5 ug of Anti-Human/Mouse CD45R (B220) Purified (filled histogram) followed by Anti-Rat IgG FITC. Cells in the lymphocyte gate were used for analysis.