

## Product datasheet for **TA320451**

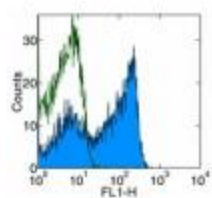
### Ptpcr Mouse Monoclonal Antibody [Clone ID: HIS24]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	HIS24
Applications:	FC
Recommended Dilution:	Flow, IHC, WB
Reactivity:	Rat
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_612516</a> <a href="#">Entrez Gene 24699 Rat P04157</a>
Background:	The HIS24 monoclonal antibody reacts with an isoform of CD45 expressed by rat B cells. The antigen recognized by HIS24 is found on B cells from the early stage of B cell development in the bone marrow to mature peripheral B cells, but not on plasma cells. HIS24 recognizes a 205 kDa protein by immunoblotting. CD45, also known as Leukocyte Common Antigen (LCA), has tyrosine phosphatase enzymatic activity in its cytoplasmic portion and plays an important role in activation of lymphocytes.
Synonyms:	B220; CD45; CD45R; glycoprotein; GP180; L-CA; LCA; LY5; T200



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**Product images:**

Staining of rat splenocytes with Anti-Rat CD45R (B220) FITC. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.