

## Datasheet

### Ptprc monoclonal antibody, clone RA3-6B2 (Biotin)

**Catalog Number:** MAB5721

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rat monoclonal antibody raised against Ptprc.

**Clone Name:** RA3-6B2

**Immunogen:** Abelson murine leukemia virus-induced pre-B tumor cells.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, IP  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** B220 isoform of CD45, Mr 240 KDa.

**Form:** Liquid

**Conjugation:** Biotin

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.  
Avoid prolonged exposure to light.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 19264

**Gene Symbol:** Ptprc

**Gene Alias:** B220, CD45R, Cd45, Ly-5, Lyt-4, T200, loc

#### References:

1. Activation signal induces the expression of B cell-specific CD45R epitope (6B2) on murine T cells. Watanabe Y, Akaike T. Scand J Immunol. 1994 May;39(5):419-25.
2. Resolution and characterization of pro-B and pre-pro-B cell stages in normal mouse bone marrow. Hardy RR, Carmack CE, Shinton SA, Kemp JD, Hayakawa K. J Exp Med. 1991 May 1;173(5):1213-25.
3. Lymphokine-activated killer (LAK) cells. IV. Characterization of murine LAK effector subpopulations. Ballas ZK, Rasmussen W. J Immunol. 1990 Jan 1;144(1):386-95.