

## Datasheet

### Ptprc monoclonal antibody, clone I3/2.3 (Biotin)

**Catalog Number:** MAB5937

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

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

**Clone Name:** I3/2.3

**Immunogen:** Native purified Ptprc from T1M1 (Thy-1-C) cells.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt, IHC-Fr, 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:** Specificity Mouse CD45 (T200 or leukocyte common antigen/LCA, all isoforms)

**Form:** Liquid

**Conjugation:** Biotin

**Isotype:** IgG2b

**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. CD45: an emerging role as a protein tyrosine phosphatase required for lymphocyte activation and development. Trowbridge IS, Thomas ML. Annu Rev Immunol. 1994;12:85-116.

2. Identification of the alternatively spliced exons of murine CD45 (T200) required for reactivity with B220 and other T200-restricted antibodies. Johnson P, Greenbaum L, Bottomly K, Trowbridge IS. J Exp Med. 1989 Mar 1;169(3):1179-84.

3. Interspecies spleen-myeloma hybrid producing monoclonal antibodies against mouse lymphocyte surface glycoprotein, T200. Trowbridge IS. J Exp Med. 1978 Jul 1;148(1):313-23.