

## Datasheet

### **Ptprc exon B-dependent form monoclonal antibody, clone C363.16A (Biotin)**

**Catalog Number:** MAB5732

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

**Product Description:** Rat monoclonal antibody raised against Ptprc exon B-dependent form.

**Clone Name:** C363.16A

**Immunogen:** Cloned mouse Th2 cell lines.

**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:** An exon B-dependent epitope of CD45 glycoprotein.

**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. Expression of variable exon A-, B-, and C-specific CD45 determinants on peripheral and thymic T cell populations. Hathcock KS, Laszlo G, Dickler HB, Sharrow SO, Johnson P, Trowbridge IS, Hodes RJ. *J Immunol.* 1992 Jan 1;148(1):19-28.

2. A monoclonal antibody to murine CD45R distinguishes CD4 T cell populations that produce different cytokines. Bottomly K, Luqman M, Greenbaum L, Carding S, West J, Pasqualini T, Murphy DB. *Eur J Immunol.* 1989 Apr;19(4):617-23.

3. 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.