

Datasheet

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

Catalog Number: MAB5733

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: PE

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry (0.2 ug/10⁶ 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.