

Datasheet

Ptprc monoclonal antibody, clone I3/2.3 (SPRD)

Catalog Number: MAB5941

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: SPRD

Isotype: IgG2b

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. 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.