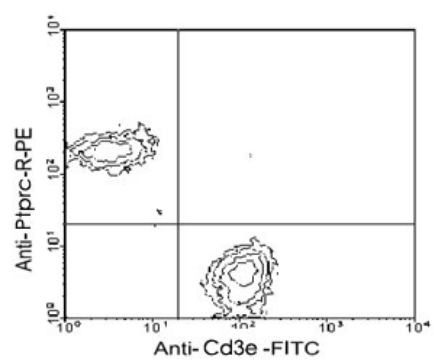
Ptprc monoclonal antibody, clone RA3-6B2

Catalog # MAB3232 Size 500 ug

Applications



Flow Cytometry

Cells from BALB/c mesenteric lymph nodes were double-stained with Ptprc monoclonal antibody, clone RA3-6B2 (Cat # MAB3232)-R-phycoerythrin and rat anti-mouse Cd3e-FITC, clone C363.29B. Small lymphocytes were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Rat monoclonal antibody raised against Ptprc.
Immunogen	Native Ptprc from abelson murine leukemia virus-induced pre-B tumor cells.
Host	Rat
Reactivity	Mouse
Specificity	B220 isoform of CD45, Mr 240 KDa.
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

  Cells from BALB/c mesenteric lymph nodes were double-stained with Ptprc monoclonal antibody, clone RA3-6B2 (Cat # MAB3232)-R-phycoerythrin and rat anti-mouse Cd3e-FITC, clone C363.29B. Small lymphocytes were then gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).
- Immunoprecipitation

Gene Info — Ptprc

Entrez GeneID	19264
Gene Name	Ptprc
Gene Alias	B220, CD45R, Cd45, Ly-5, Lyt-4, T200, loc
Gene Description	protein tyrosine phosphatase, receptor type, C
Gene Ontology	Hyperlink
Gene Summary	receptor type
Other Designations	lymphocyte common antigen

Publication Reference

- Activation signal induces the expression of B cell-specific CD45R epitope (6B2) on murine T cells.

  Watanabe Y, Akaike T.

  Scandinavian Journal of Immunology 1994 May; 39(5):419.

  Application: Flow Cyt, IP, Mouse , Mouse lymphocyte
- In vivo treatment with anti B-220 monoclonal antibody affects T and B cell differentiation.

  Asensi V, Himeno K, Kawamura I, Sakumoto M, Nomoto K.

  Clinical and Experimental Immunology 1990 May; 80(2):268.

  Application: Flow Cyt, Func, Mouse, Mouse spleen cells, Mouse thymus

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- Lymphokine-activated killer (LAK) cells. IV. Characterization of murine LAK effector subpopulations.

  Ballas ZK, Rasmussen W.

  Journal of Immunology 1990 Jan; 144(1):386.

  Application: Flow Cyt, Mouse, Mouse splenocytes

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