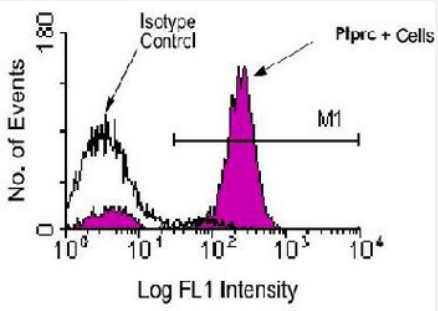
CD45.1 monoclonal antibody, clone A20

Catalog # MAB6209 Size 500 ug

Applications



Flow Cytometry

SJL spleen cells were stained with Ptprc monoclonal antibody, clone A20 (Cat # MAB6209) (FITC), following which small lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Mouse monoclonal antibody raised against native CD45.1.
Immunogen	Native purified from SJL mouse thymocytes and splenocytes.
Host	Mouse
Reactivity	Mouse
Specificity	Mouse CD 45.1 (Leukocyte Common Antigen).
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

- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

SJL spleen cells were stained with Ptprc monoclonal antibody, clone A20 (Cat # MAB6209) (FITC), following which small lymphocytes were gated and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

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

- Enhanced engraftment of hematopoietic progenitor cells in mice treated with granulocyte colony-stimulating factor before low-dose irradiation: implications for gene therapy.

  Mardiney M 3rd, Malech HL.

  Blood 1996 May; 87(10):4049.

  Application: Flow Cyt, Mouse, Leukocytes

- Regulation of immune function by protein tyrosine phosphatases.

  Okumura M, Thomas ML.

  Current Opinion in Immunology 1995 Jun; 7(3):312.

  Application: Flow Cyt, Human, Mouse, B cells, T cells

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- The role of host T cell subsets in bone marrow rejection directed to isolated major histocompatibility complex class I versus class II differences of bm1 and bm12 mutant mice.

  Vallera DA, Taylor PA, Sprent J, Blazar BR.

  Transplantation 1994 Jan; 57(2):249.

  Application: IF, Flow Cyt, Mouse, Mouse T cells

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