CD79B monoclonal antibody, clone CB3-1

Catalog # MAB5628 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CD79B.
Immunogen	Native purified CD79B from Ramos cells.
Host	Mouse
Reactivity	Human
Specificity	human CD79b/B29.
Form	Liquid
Isotype	IgG1
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) 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.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Gene Info — CD79B

Entrez GeneID	974

Gene Name	CD79B
Gene Alias	B29, IGB
Gene Description	CD79b molecule, immunoglobulin-associated beta
Omim ID	147245
Gene Ontology	Hyperlink
Gene Summary	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq
Other Designations	B-cell antigen receptor complex-associated protein beta chain|B-cell-specific glycoprotein B29|CD79B antigen|CD79b antigen (immunoglobulin-associated beta)|Ig-beta|immunoglobulin-associated B29

Publication Reference

- Heterogeneity of immunoglobulin-associated molecules on human B cells identified by monoclonal antibodies.

  Nakamura T, Kubagawa H, Cooper MD.

  PNAS 1992 Sep; 89(18):8522.

  Application: IP, WB, Human, Human B cells

Pathway

- B cell receptor signaling pathway

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hematologic Diseases

- Hodgkin Disease
- Kidney Failure
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome