

CD79B monoclonal antibody, clone CB3-1 (PE)

Catalog # MAB6083

Size 100 Reactions

Specification

Product Description Mouse monoclonal antibody raised against native CD79B.

Immunogen Native purified from Ramos cells.

Host Mouse

Reactivity Human

Specificity Specificity human CD79beta/B29/Igbeta

Form Liquid

Conjugation PE

Isotype IgG1

Recommend Usage Flow Cytometry (10 ul/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.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- 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.

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](#)