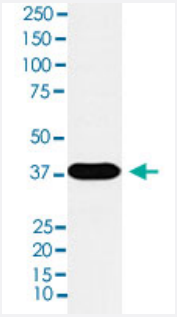
CD79B monoclonal antibody, clone AFBI-3

Catalog # MAB22144 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Raji cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CD79B.
Immunogen	A synthetic peptide corresponding to human CD79B.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human CD79B, in native form and recombinant. Superfamily members of CD79B are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of Raji cell lysate.

Gene Info — CD79B

Entrez GeneID	974
Protein Accession#	P40259
Gene Name	CD79B
Gene Alias	B29, IGB
Gene Description	CD79b molecule, immunoglobulin-associated beta

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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

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

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