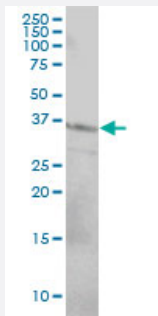


CD79B monoclonal antibody (M01), clone 4E10-2A10

Catalog # H00000974-M01

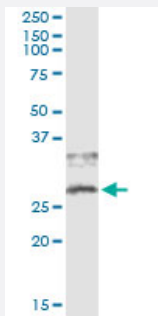
Size 100 ug

Applications



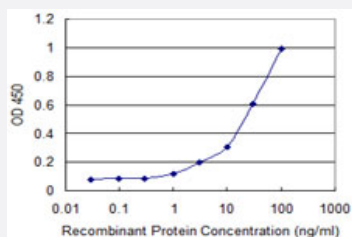
Western Blot (Cell lysate)

CD79B monoclonal antibody (M01), clone 4E10-2A10 Western Blot analysis of CD79B expression in HeLa (Cat # L013V1).



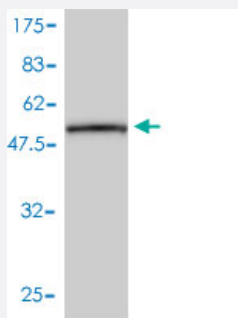
Immunoprecipitation

Immunoprecipitation of CD79B transfected lysate using anti-CD79B monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD79B MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD79B is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (50.93 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CD79B.
Immunogen	CD79B (AAH32651, 1 a.a. ~ 229 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARLALSPVPSHWMVALLLLSAEPVPAARSEDYRNPKGSACSRWQSPRFIARKRGFTVKMH CYMNSASGNVSWLWKQEMDENPQQLKLEKGRMEESQNESLATLTIGIRFEDNGMYFCQKQKCNN TSEVYQGCGETLRVMGFSTLAQLKQRNTLKDGIIMIQTLILFIIVPIFLLLDKDDSKAGMEEDHTYEG LDIDQTATYEDVTLRTGEVKWSVGEHPGQE
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (50.93 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CD79B monoclonal antibody (M01), clone 4E10-2A10 Western Blot analysis of CD79B expression in Hela (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CD79B transfected lysate using anti-CD79B monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CD79B MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD79B is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CD79B

Entrez GeneID [974](#)

GeneBank Accession# [BC032651](#)

Protein Accession# [AAH32651](#)

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

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](#)