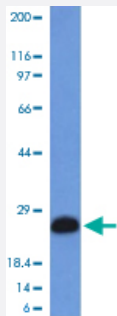


CD79A monoclonal antibody, clone IGA/1406

Catalog # MAB15073 Size 100 ug

Applications



Western Blot (Cell lysate)

Western Blot analysis of Ramos cell lysate with CD79A monoclonal antibody, clone IGA/1406 (Cat # MAB15073).

Specification

Product Description Mouse monoclonal antibody raised against synthetic peptide of human CD79A.

Immunogen A synthetic peptide corresponding to 15 residues of human CD79A.

Sequence GTYQDVGSLNIADVQ

Host Mouse

Theoretical MW (kDa) 25-44

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG3

Recommend Usage
 Flow Cytometry (0.5-1 ug/10⁶ cells)
 Immunofluorescence (0.5-1 ug/mL)
 Western Blotting (0.5-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer In 10 mM PBS.

Storage Instruction Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Ramos cell lysate with CD79A monoclonal antibody, clone IGA/1406 (Cat # MAB15073).

- Immunofluorescence

- Flow Cytometry

Gene Info — CD79A

Entrez GeneID [973](#)

Protein Accession# [P11912](#)

Gene Name CD79A

Gene Alias IGA, MB-1

Gene Description CD79a molecule, immunoglobulin-associated alpha

Omim ID [112205](#)

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-alpha 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 alpha chain|CD79A antigen|CD79a antigen (immunoglobulin-associated alpha)|MB-1 membrane glycoprotein|surface IgM-associated protein

Publication Reference

- [The membrane IgM-associated heterodimer on human B cells is a newly defined B cell antigen that contains the protein product of the mb-1 gene.](#)

van Noesel CJ, van Lier RA, Cordell JL, Tse AG, van Schijndel GM, de Vries EF, Mason DY, Borst J.

Journal of Immunology 1991 Jun; 146(11):3881.

Pathway

- [B cell receptor signaling pathway](#)
- [Primary immunodeficiency](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)