CD79a Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD79a, Monoclonal Antibody
Full Product Name	CD79a (B lymphocyte-specific MB1 protein, B Cell antigen receptor complex-associated protein alpha chain, CD79a molecule immunoglobulin associated alpha, Ig-alpha, IGA, IgM-alpha, Immunoglobulin-associated alpha, Ly54, MB-1 membrane glycoprotein, Membrane
Product Gene Name	anti-CD79a antibody
Product Synonym Names	B lymphocyte-specific MB1 protein; B-cell antigen receptor complex-associated protein alpha chain; CD79a molecule immunoglobulin associated alpha; Ig-alpha; IGA; IgM-alpha; Immunoglobulin-associated alpha; Ly54; MB-1 membrane glycoprotein; Membrane-bound immunoglobulin-associated protein; Surface IgM-associated protein
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	HM47/A9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A/G Affinity Chromatography.
Specificity	Recognizes human CD79a. Species Crossreactivity: monkey, porcine, bovine, mouse, and rat. Others not known.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	A synthetic peptide corresponding to aa202-216 (GTYQDVGSLNIADVQ) of human CD79a protein. Cellular Localization: Cell surface
Conjugate	MaxLight750
Positive Control	Daudi or Ramos cells. Germinal center B-cells in a lymph node or tonsil.
Product Categories/Family for anti-CD79a antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD79a antibody	Flow Cytometry (FC/FACS), FLISA, Immunofluorescence (IF), Immunohistochemistry (IHC) Frozen/Paraffin, Immunoprecipitation (IP), Western Blot (WB)
Application Notes for anti-CD79a antibody	FC/FACS: 0.5-1ug/million cells FLISA: For coating, order Ab without BSA WB: 0.5-1ug/ml IF: 0.5-1ug/ml IP: 0.5-1ug/500ug protein lysate IHC-F/P: 0.5-1ug/ml for 30 minutes at RT Applications are based on unconjugated antibody.
Related Product Information for anti-CD79a antibody	MBS6236440 is an antibody targeting CD79a. Also known as CD79a (B lymphocyte-specific MB1 protein, B Cell antigen receptor complex-associated protein alpha chain, CD79a molecule immunoglobulin associated alpha, Ig-alpha, IGA, IgM-alpha, Immunoglobulin-associated alpha, Ly54, MB-1 membrane glycoprotein, Membrane. Reactive in Human. Host: Mouse.

Product References and Citations for anti-CD79a antibody	1. Mason, DY, et al. 1995. Blood 86: 1453-1459.
Other Notes	Small volumes of anti-CD79a antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD79a. It may not necessarily be applicable to this product.

NCBI GeneID	973; 12518; 681236
Protein Family	B-cell antigen receptor complex-associated protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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