

Rabbit anti-Human CD79a Monoclonal Antibody | anti-CD79A antibody

CD79a (B-Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone IGA/3939R]

CATALOG # AAA216079	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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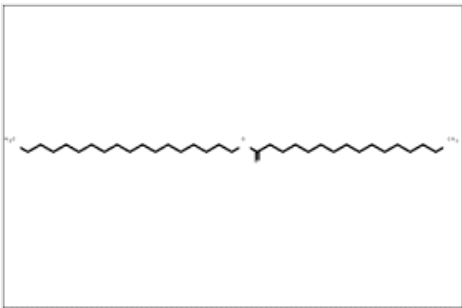
PRODUCT SYNONYMS

CD79a; Monoclonal Antibody; CD79a (B-Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone IGA/3939R]; CD79a (B-Cell Marker); 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; anti-CD79A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	IGA/3939R
Form/Format	200ug/ml of Ab purified Protein A. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CD79A antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant fragment (around aa1-100) of human CD79a protein (exact sequence is proprietary)
Cellular Localization	Cell Surface
Positive Control	Daudi or Ramos cells. Germinal center B-cells in a lymph node or tonsil.
Hu-chromosome Location	19q13.2
Unigene	631567
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with CD79a Rabbit Recombinant Monoclonal Antibody (IGA/3939R).

ADDITIONAL INFORMATION

Related Product Information for anti-CD79A antibody	A disulphide-linked heterodimer, consisting of mb-1 (or CD79a) and B29 (or CD79b) polypeptides, is non-covalently associated with membrane-bound immunoglobulins on B cells. This complex of mb-1 and B29 polypeptides and immunoglobulin constitute the B cell Ag receptor. CD79a first appears at pre B cell stage, early in maturation, and persists until the plasma cell stage where it is found as an intracellular component. CD79a is found in the majority of acute leukemias of precursor B cell type, in B cell lines, B cell lymphomas, and in some myelomas. It is not present in myeloid or T cell lines. Anti-CD79a is generally used to complement anti-CD20 especially for mature B-cell lymphomas after treatment with Rituximab (anti-CD20). This antibody will stain many of the same lymphomas as anti-CD20, but also is more likely to stain B-lymphoblastic lymphoma/leukemia than is anti-CD20. Anti-CD79a also stains more cases of plasma cell myeloma and occasionally some types of endothelial cells as well.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502685
NCBI GeneID	973
NCBI Accession #	NP_001774.1
NCBI GenBank Nucleotide #	NM_001783.3
UniProt Accession #	P11912; Q53FB8; A0N775
Molecular Weight	25,038 Da
NCBI Official Full Name	B-cell antigen receptor complex-associated protein alpha chain isoform 1
NCBI Official Synonym Full Names	CD79a molecule, immunoglobulin-associated alpha
NCBI Official Symbol	CD79A
NCBI Official Synonym Symbols	IGA; MB-1
NCBI Protein Information	B-cell antigen receptor complex-associated protein alpha chain; ig-alpha; MB-1 membrane glycoprotein; surface IgM-associated protein; CD79a antigen (immunoglobulin-associated alpha); membrane-bound immunoglobulin-associated protein
UniProt Protein Name	B-cell antigen receptor complex-associated protein alpha chain
UniProt Gene Name	CD79A
UniProt Synonym Gene Names	IGA; MB1
UniProt Entry Name	CD79A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

