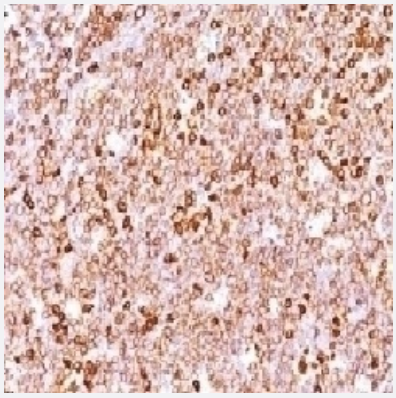
RecomAb™

CD79A recombinant monoclonal antibody, clone IGA/1688R

Catalog # RAB03804 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human tonsil with anti-CD79a recombinant monoclonal antibody, clone IGA/1688R (Cat # RAB03804).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide corresponding to amino a cids 202-216 (GTYQDVGSLNIADVQ) of human CD79a.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to amino acids 202-216 (GTY QDVGSLNIADVQ) of human CD79a
Sequence	GTYQDVGSLNIADVQ
Reactivity	Human
Form	Liquid
Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Protein A affinity chromatography

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Concentration	0.2 mg/mL
Isotype	IgG
Recommend Usage	Flow cytometry (0.5-1 ug/million cells in 0.1ml) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(0.25-0.5 ug/mL for 30 min at RT) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 0.1 mg/ml BSA, 0.05% sodium azide
Storage Instruction	Store at 2~8°C. Aliquot to avoid repeated freezing and thawing.
Note	Optimal dilutions for each application to be determined by the researcher

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of human tonsil with anti-CD79a recombinant monoclonal antibody, clone IGA/1688R (Cat # RAB03804).

- 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

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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

Pathway

- B cell receptor signaling pathway
- Primary immunodeficiency

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Hodgkin Disease
- Lymphoproliferative Disorders
- Waldenstrom Macroglobulinemia
- Werner syndrome

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