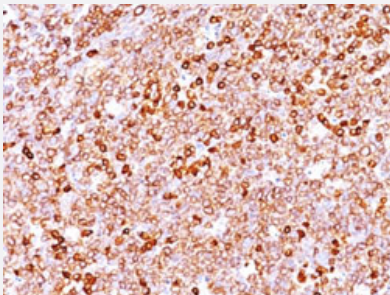


RecomAb™

CD79A recombinant monoclonal antibody, clone IGA/1688R

Catalog # RAB00373 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD79A recombinant monoclonal antibody, clone IGA/1688R (Cat # RAB00373).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD79A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to amino acids 208-222 of human CD79A.
Sequence	GTYQDVGSLNIADVQ
Theoretical MW (kDa)	44
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG, kappa

Recommend Usage

Flow Cytometry (0.5-1 ug/10⁶ cells)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.25-0.5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS (0.05% BSA, 0.05% sodium azide)

Storage Instruction

Store at 4°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CD79A recombinant monoclonal antibody, clone IGA/1688R (Cat # RAB00373).

- 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

- [CD79a: a novel marker for B-cell neoplasms in routinely processed tissue samples.](#)

Mason DY, Cordell JL, Brown MH, Borst J, Jones M, Pulford K, Jaffe E, Ralfkiaer E, Dallenbach F, Stein H, et al.

Blood 1995 Aug; 86(4):1453.

Pathway

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

Disease

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