



Rabbit Anti-Human CD79A Monoclonal Antibody, clone CQ7151 (CABT-Z212R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD79a residues within aa1-100 of CD79a was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7151
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	25 kDa
Cellular Localization	Membrane
Positive Control	Tonsil
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	<p>Cluster of differentiation CD79a also known as B-cell antigen receptor complex-associated protein alpha chain is a protein that in humans is encoded by the CD79A gene. The CD79a protein together with the related CD79b protein, forms a dimer associated with membrane-bound immunoglobulin in B-cells, thus forming the B-cell antigen receptor (BCR), and plays multiple and diverse roles in B cell development and function.</p> <p>CD79a protein is expressed in virtually all mature and immature B cells and the majority of B-cell neoplasms, including precursor B-acute lymphocytic leukemia (pre-B-ALL), L and H lymphocyte predominance Hodgkin's lymphoma, and many plasma cell tumors.</p> <p>Therefore, antibodies to CD79a are useful in the differential diagnosis of B-cell neoplasms from T-cell neoplasms or myeloid neoplasms, or L and H lymphocyte predominance Hodgkin's lymphoma from classic Hodgkin's lymphoma. In addition, CD79a is a useful marker in the diagnosis of precursor B-acute lymphoblastic leukemia (pre-B-ALL) because many of these tumors are negative for other B-cell markers, such as CD20 and CD45RA.</p>
Keywords	Ig-alpha; MB-1 membrane glycoprotein; Membrane-bound immunoglobulin-associated protein; Surface IgM-associated protein; CD79A; B-cell antigen receptor complex-associated protein alpha chain

GENE INFORMATION

Gene Name	CD79A
Entrez Gene ID	973
UniProt ID	P11912