

DATASHEET

CD79a Rabbit Monoclonal Antibody(ARB914)

CAT. NO. ARB6706

KEY FEATURES

Target	CD79a	Clonality	Monoclonal
Clone ID	ARB914	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

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. 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. 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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
-----	---------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

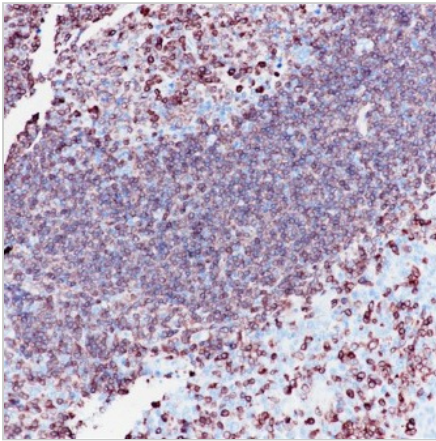
Predicted Molecular Wt	25kDa
Purity	ProA affinity purified IgG
Subcellular location	Membrane
Swissprot ID	P11912
Immunogen	Synthetic peptide corresponding to CD79a residues within aa1-100 of CD79a.
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CD79a Rabbit Monoclonal Antibody(ARB914)**

CAT. NO. ARB6706

DATA

Immunohistochemical staining of tonsil tissue sections using CD79a Rabbit Monoclonal Antibody (ARB914).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com