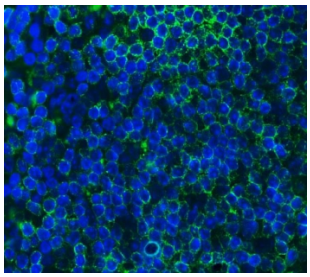
Cd79a Antibody (RQ5965)

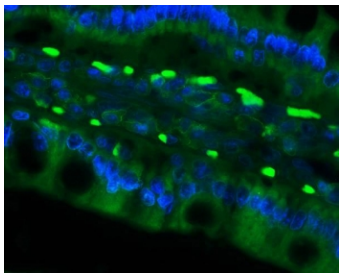
Catalog No.	Formulation	Size
RQ5965	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

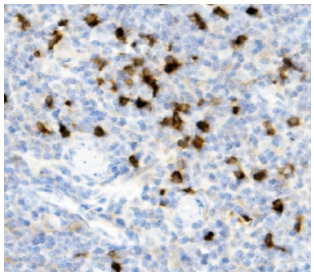
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P11911
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Cd79a antibody is available for research use only.



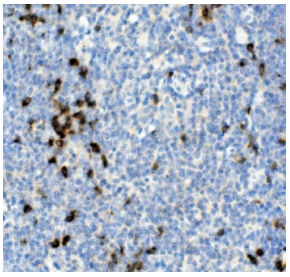
Immunofluorescent staining of FFPE mouse intestinal lymph node cells with Cd79a antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Immunofluorescent staining of FFPE rat intestine with Cd79a antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA for 20 min.



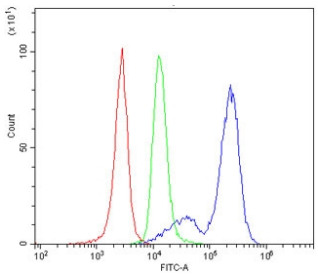
IHC staining of FFPE mouse thymus with Cd79a antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat thymus with Cd79a antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of rat spleen lysate with Cd79a antibody. Expected molecular weight: 25-47 kDa depending on glycosylation level.



Flow cytometry testing of mouse spleen cells with Cd79a antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Cd79a antibody.

Description

Cluster of differentiation CD79A also known as B-cell antigen receptor complex-associated protein alpha chain and MB-1 membrane glycoprotein, is a protein that in humans is encoded by the CD79A gene. It is mapped to 7 A3; 7 13.49 cM. 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.

Application Notes

Optimal dilution of the Cd79a antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids L29-P220) was used as the immunogen for the Cd79a antibody.

Storage

After reconstitution, the Cd79a antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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