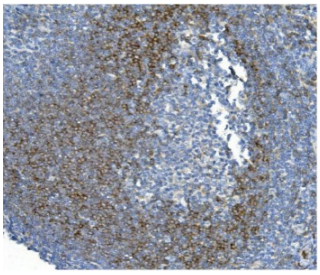
CD79b Antibody 6H11 / Mouse Monoclonal [clone 6H11] (RQ5654)

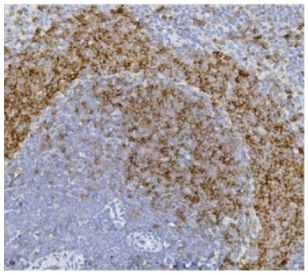
Catalog No.	Formulation	Size
RQ5654	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Name	6H11
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P40259
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 1-2ug/ml
Limitations	This CD79b Antibody 6H11 is available for research use only.



IHC staining of FFPE human tonsil with CD79b Antibody 6H11. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat spleen with CD79b Antibody 6H11. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human Raji cell lysate with CD79b Antibody 6H11. Predicted molecular weight: 26~39 kDa.

Description

CD79b Antibody 6H11 detects CD79b molecule, immunoglobulin-associated beta, also known as CD79B (Cluster of Differentiation 79B), a human gene. By fluorescence in situ hybridization, It is mapped to 17q23.3. The CD79B protein together with the related CD79A protein, forms a dimer associated with membrane bound immunoglobulin in B-cells, thus forming the B-cell antigen receptor (BCR) which is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). CD79b also can enhances phosphorylation of CD79A, possibly by recruiting kinases which phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from dephosphorylation.

For an alternative monoclonal antibody targeting this B-cell receptor signaling protein, see our CD79b Antibody IGB/3170R, validated for western blot and immunohistochemistry.

Application Notes

Optimal dilution of the CD79b Antibody 6H11 should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A29-E229) was used as the immunogen for the CD79b antibody.

Storage

After reconstitution, the CD79b 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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