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CD79b Protein (AA 29-159) (His-Avi Tag, Biotin)





Overview

Quantity:	100 μg
Target:	CD79b (CD79B)
Protein Characteristics:	AA 29-159
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD79b protein is labelled with His-Avi Tag,Biotin.

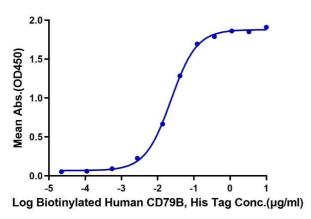
Product Details

Purpose:	Biotinylated Human CD79B Protein
Sequence:	Ala29-Asp159
Characteristics:	Recombinant Biotinylated Human CD79B Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Ala29-Asp159.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-CD79B Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CD79B, His Tag with the EC50 of 23.3ng/ml determined by ELISA. See testing image for detail.

Target Details

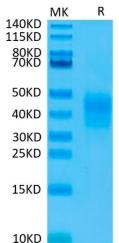
CD79b (CD79B)
CD79B (CD79B Products)
CD79B (also known as B29, Ig beta and B cell antigen receptor complex-associated protein
beta-chain) is a 36-40 kDa member of the Ig-Superfamily. It is required in cooperation with
CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor
complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and
antigen presentation. Enhances phosphorylation of CD79A, possibly by recruiting kinases which
phosphorylate CD79A or by recruiting proteins which bind to CD79A and protect it from
dephosphorylation.
18.1 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result
BCR Signaling
For Research Use only
Lyophilized
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as
protectant before lyophilization.
-20 °C,-80 °C
-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after
reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into
smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Biotinylated Human CD79B, His Tag ELISA 0.05μg Anti-CD79B Antibody, hFc Tag Per Well



ELISA

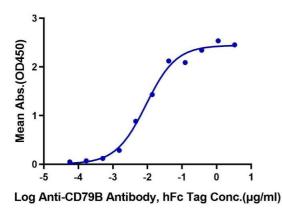
Image 1. Immobilized Anti-CD79B Antibody, hFc Tag at 0.5 μ g/mL (100 μ L/well) on the plate. Dose response curve for Biotinylated Human CD79B, His Tag with the EC50 of 23.3 ng/mL determined by ELISA.



SDS-PAGE

Image 2. Biotinylated CD79B on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Biotinylated Human CD79B, His Tag ELISA 0.05µg Biotinylated Human CD79B, His Tag Per Well



ELISA

Image 3. Immobilized Biotinylated Human CD79B, His Tag at $0.5 \,\mu\text{g/mL}$ (100 $\mu\text{L/Well}$) on the plate. Dose response curve for Anti-CD79B Antibody, hFc Tag with the EC50 of 9 ng/mL determined by ELISA.

Please check the product details page for more images. Overall 4 images are available for ABIN7274235.