

Datasheet for ABIN7274083

CD161 Protein (AA 67-225) (His-Avi Tag,Biotin)



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4 Images

Overview

Quantity:	100 µg
Target:	CD161 (KLRB1)
Protein Characteristics:	AA 67-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD161 protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human CD161 Protein
Sequence:	Gln67-Ser225
Characteristics:	Recombinant Biotinylated Human CD161 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gln67-Ser225.
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-CD161 Antibody, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CD161, His Tag with the EC50 of 41.8ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	CD161 (KLRB1)
Alternative Name:	CD161 (KLRB1 Products)
Background:	CD161 (NKRP1) is a lectin-like receptor present on NK cells and rare T-cell subsets. We have observed CD161 expression in some cases of T-cell prolymphocytic leukemia (T-PLL) and found it to be useful in follow-up and detection of disease after treatment.
Molecular Weight:	21.4 kDa. Due to glycosylation, the protein migrates to 41-45 kDa based on Tris-Bis PAGE result.

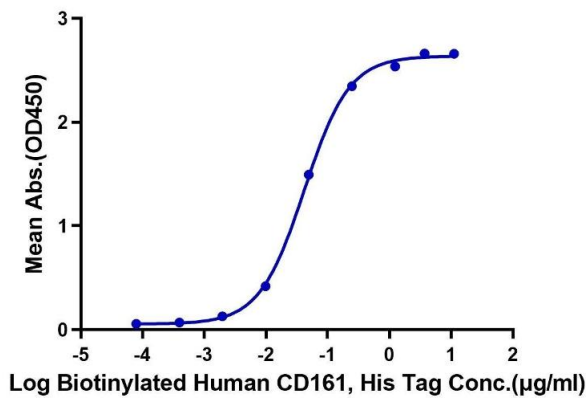
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Biotinylated Human CD161, His Tag ELISA
0.5µg Anti-CD161 Antibody, hFc Tag Per Well

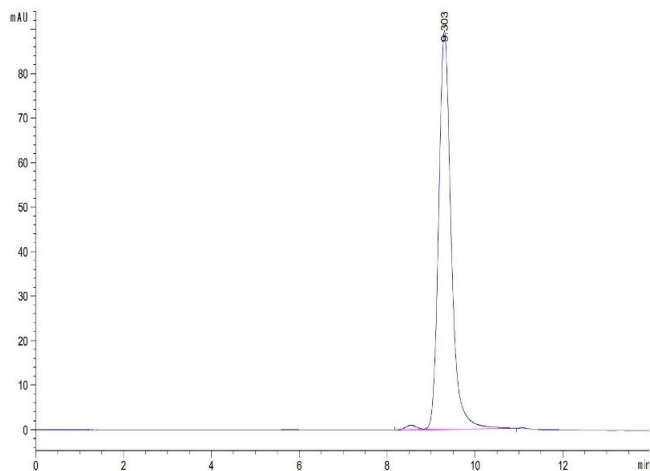


ELISA

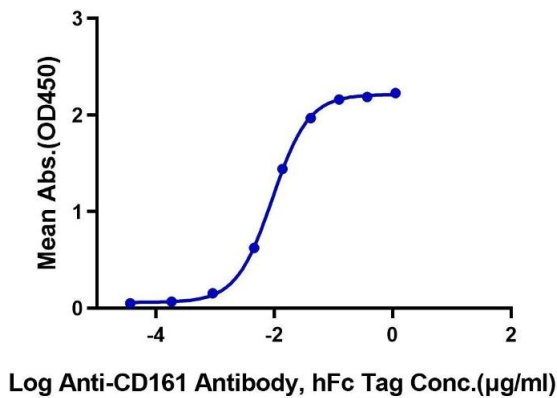
Image 1. Immobilized Anti-CD161 Antibody, hFc Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Biotinylated Human CD161, His Tag with the EC50 of 41.8 ng/mL determined by ELISA.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human CD161 is greater than 95 % as determined by SEC-HPLC.



Biotinylated Human CD161, His Tag ELISA
0.1µg Biotinylated Human CD161, His Tag Per Well



ELISA

Image 3. Immobilized Biotinylated Human CD161, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-CD161 Antibody, hFc Tag with the EC50 of 9.3 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274083.