

Datasheet for ABIN7274062

## CD161 Protein (AA 67-227) (His-Avi Tag,Biotin)



[Go to Product page](#)

### 4 Images

#### Overview

Quantity:	100 µg
Target:	CD161 (KLRB1)
Protein Characteristics:	AA 67-227
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD161 protein is labelled with His-Avi Tag,Biotin.

#### Product Details

Purpose:	Biotinylated Cynomolgus CD161 Protein
Sequence:	Gln67-Leu227
Characteristics:	Recombinant Biotinylated Cynomolgus CD161 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Gln67-Leu227.
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 Biotinylated Cynomolgus CD161, His Tag at 0.5µg/ml (100µl/Well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-CD161 Antibody, hFc Tag with the EC50 of 12.8ng/ml determined by ELISA. See testing image for detail.

## Target Details

---

Target:	CD161 (KLRB1)
Alternative Name:	CD161 ( <a href="#">KLRB1 Products</a> )
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:	21.5 kDa. Due to glycosylation, the protein migrates to 37-42 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005570142</a>

## Application Details

---

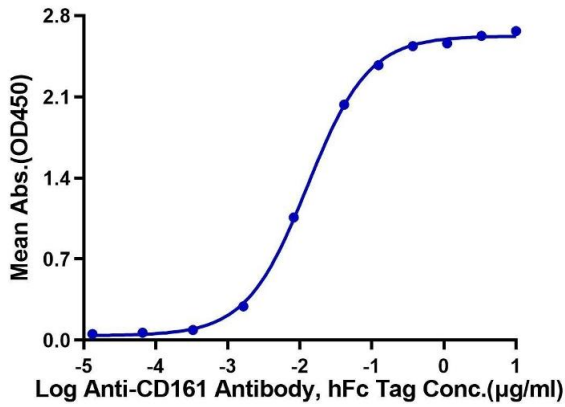
Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

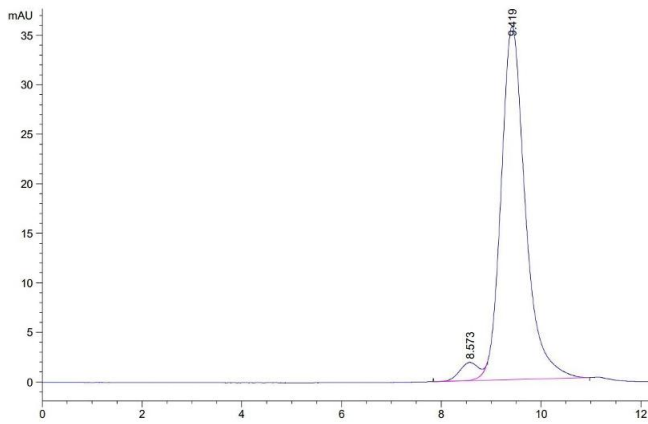
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant 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 Cynomolgus CD161, His Tag ELISA**  
0.05µg Biotinylated Cynomolgus CD161, His Tag Per Well



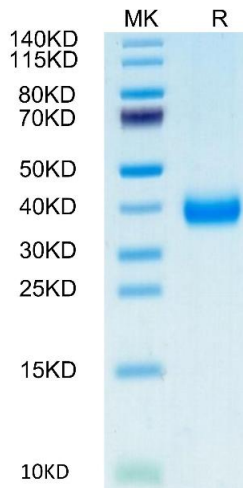
**ELISA**

**Image 1.** Immobilized Biotinylated Cynomolgus CD161, His Tag at 0.5 µg/mL (100 µL/Well) on the streptavidin precoated plate (5 µg/mL). Dose response curve for Anti-CD161 Antibody, hFc Tag with the EC50 of 12.8 ng/mL determined by ELISA.



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

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



**SDS-PAGE**

**Image 3.** Biotinylated Cynomolgus CD161 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274062.