

Human CD2 Protein; hFc Tag

Product Information

Product Name	Human CD2 Protein; hFc Tag
Storage temp	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-88835RP-100 / 100 μg GM-88835RP-1000 / 1 mg

Protein Information

Alternative Names	SRBC, LFA-2, T11
Source	Human CD2 Protein; hFc Tag (GM-88835RP) is expressed from human 293 cells (HEK-293). It contains AA Lys 25 - Asp 209 (Accession # AAH33583). This protein carries a hFc tag at the C-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	47.2 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	CD2 is a transmembrane glycoprotein of the immunoglobulin superfamily, expressed on T cells and NK cells. It binds to CD58 on antigen-presenting cells, co-stimulating T-cell activation and cytokine production in adaptive immunity. In summary, CD2 is an immune co-stimulatory molecule with biomarker and therapeutic potential in hematological and immune-related diseases.

Figures



Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

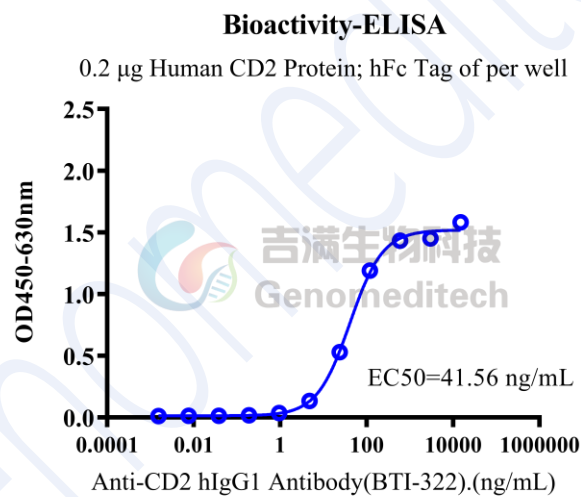


Figure 2 | Human CD2 Protein; hFc Tag (Catalog # GM-88835RP) was immobilized at 2 µg/ml (100µL/well). Increasing concentrations of Anti-CD2 hIgG1 Antibody(BTI-322) (Catalog # GM-79929AB) were added.

Related Products

CD19	
H_CD19 KO Raji Cell Line	Cynomolgus_CD19 CHO-K1 Cell Line
Cynomolgus_CD19 HEK-293 Cell Line	H_CD19 CHO-K1 Cell line
H_CD19 HEK-293 Cell Line	Mouse_CD19 CHO-K1 Cell Line
Anti-CD19 hIgG1 Reference Antibody (Loncbio)	Anti-CD19×CD3 hIgG1 Antibody[PIT-565(CD58 K34A)]

Version:5.0

Anti-H CD19 hIgG1/hIgG2 Antibody(Tafasitamab)	
CD3	
Jurkat CD3-BsAb Reporter Cell Line	Cynomolgus_CD3 HEK-293 Cell Line
Cynomolgus_CD3E(Membrane Bound ECD) CHO-K1 Cell Line	H_CD3 CHO-K1 Cell Line
H_CD3 HEK-293 Cell Line	H_CD3(TCR V2) CHO-K1 Cell Line
H_CD3(TCR V2) HEK-293 Cell Line	H_CD3(TCRαβ delta V) HEK-293 Cell Line
H_CD3D CD3E KO Jurkat Cell Line	H_CD3E KO Jurkat Cell Line
H_CD3E(Membrane Bound ECD) CHO-K1 Cell Line	Mouse_CD3 HEK-293 Cell Line
Anti-CD19×CD3 hIgG1 Antibody[PIT-565(CD58 K34A)]	Anti-CD3_epsilon hIgG1 Antibody [OKT-3 (muromonab)]
Anti-CD3 hIgG1 Antibody(CH2527)	Anti-CD3×CD20 hIgG1 Bispecific Antibody (Epcobio)
Anti-CD3×FCRL5 hIgG1 Bispecific Antibody(cevostamab)	Anti-CD3E×BCMA hIgG4 Reference Antibody (Tecbio)
Anti-CD3E×DLL3 hIgG1 Bispecific Antibody(Tarlabio)	Anti-CD3E×MUC17 hIgG1 Bispecific Antibody(Vepsitbio)
Anti-mouse CD3ε mIgG2a Antibody(145-2C11)	
CD2	
H_CD2 KO Jurkat(CD3-) Cell Line	CD3-CD2-tsAb Reporter Jurkat(CD58 KO) Cell Line
Cynomolgus_CD2 CHO-K1 Cell Line	H_CD2 CHO-K1 Cell Line
Anti-CD19×CD3 hIgG1 Antibody[PIT-565(CD58 K34A)]	Anti-CD2 hIgG1 Antibody(BTI-322)
Human CD2 Protein; His Tag	