Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
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Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio)

Product Information

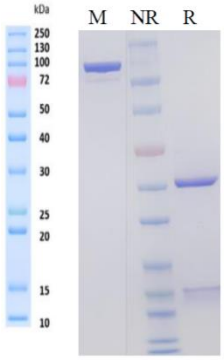
Product Name	Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	**GM-87345MAB-1mg / 1 mg** **GM-87345MAB-5mg / 5 mg** **GM-87345MAB-25mg / 25 mg** **GM-87345MAB-50mg / 50 mg** **GM-87345MAB-100mg / 100 mg**

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	CD276(B7H3)
Clone	Ifinatamab
Alternative Names	4Ig-B7-H3, B7-H3, B7H3, B7RP-2
Source/Isotype	Monoclonal Human IgG1(REEM),Kappa
Application	Flow Cytometry; Bioactivity-ELISA
Description	CD276, also known as B7-H3, is an important immune regulatory molecule and a member of the B7 family. CD276 is highly expressed in various tumors and is closely associated with the occurrence, development, and prognosis of cancer. Studies have shown that CD276 can inhibit the activation and proliferation of T cells by interacting with its receptor between T cells and tumor cells, thereby suppressing the immune cells' attack on tumors, promoting tumor evasion, and development.
Formulation	Phosphate-buffered solution, pH 7.2.

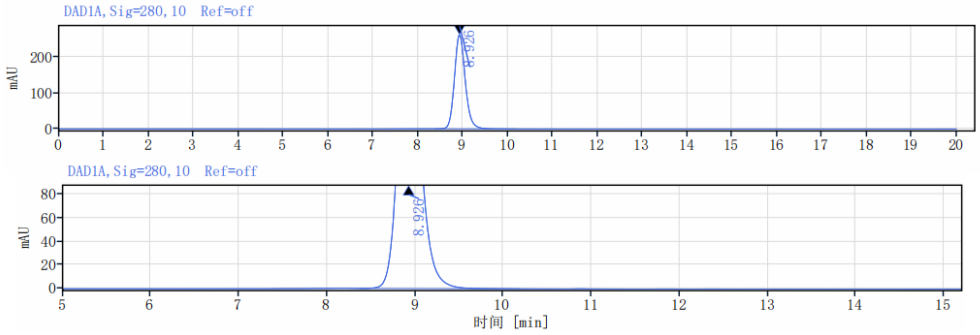
Data Examples

SDS-PAGE



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

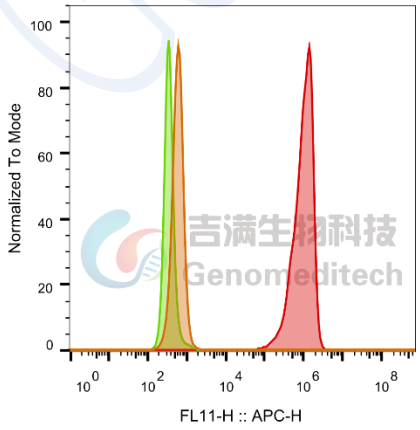
SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Flow cytometry

H_CD276(B7H3) CHO-K1 Cell Line (Catalog # GM-C09618) was stained with Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM-87345MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-CD276(B7H3)+APC-2nd Ab	601
CHO-K1 H_CD276(B7H3) H_IgG+APC-2nd Ab	364
CHO-K1 H_CD276(B7H3) anti-CD276(B7H3)+APC-2nd Ab	9.06E5

Fig. FACS

Version:3.1

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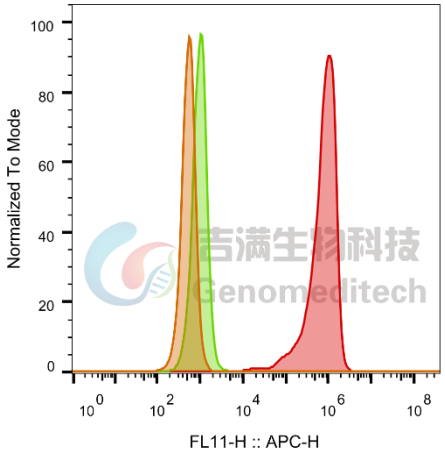
Flow cytometry

Cynomolgus_CD276 CHO-K1 (Catalog # GM-C23914) was stained with Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM-87345MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
CHO-K1 anti-B7H3+APC-2nd Ab	537
CHO-K1 Cyno_CD276 H_IgG+APC-2nd Ab	992
CHO-K1 Cyno_CD276 anti-B7H3+APC-2nd Ab	6.95E5

Fig. FACS

Bioactivity-ELISA

Human CD276(B7H3 4Ig) Protein; His Tag (Catalog # GM-87619RP) was immobilized at 2 μg/ml (100 μL/well). Increasing concentrations of Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM-87345MAB) were added.

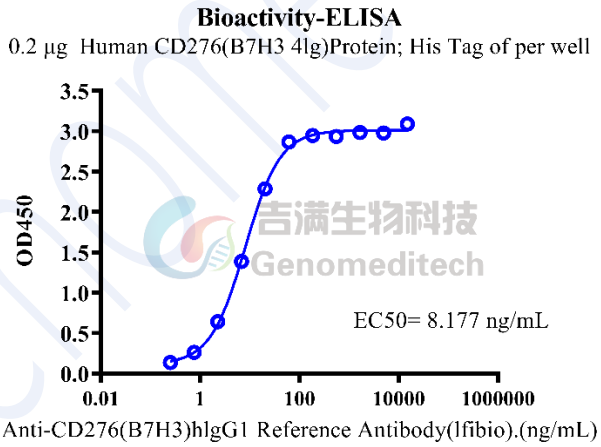


Fig. assay

Bioactivity-ELISA

Biotinylated Human CD276(B7H3 4Ig) Protein; His-Avi Tag (Catalog # GM-87620RP) was immobilized at 1 μg/ml (100 μL/well) on streptavidin precoated. Increasing concentrations of Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM-87345MAB) were added.

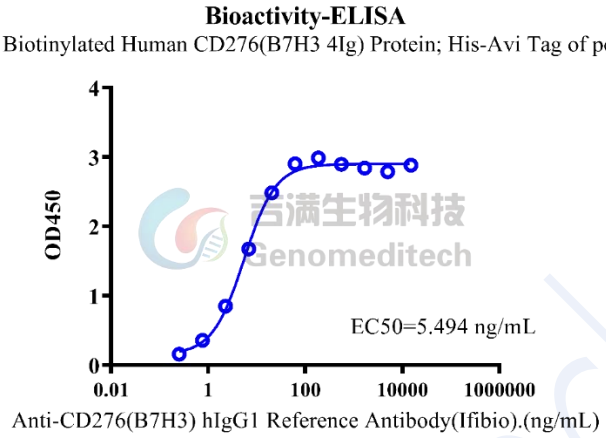


Fig. assay

Bioactivity-ELISA

Human CD276(B7H3 2Ig) Protein; His Tag (Catalog # GM-87617RP) was immobilized at 2 μg/ml (100 μL/well). Increasing concentrations of Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM87345MAB) were added.

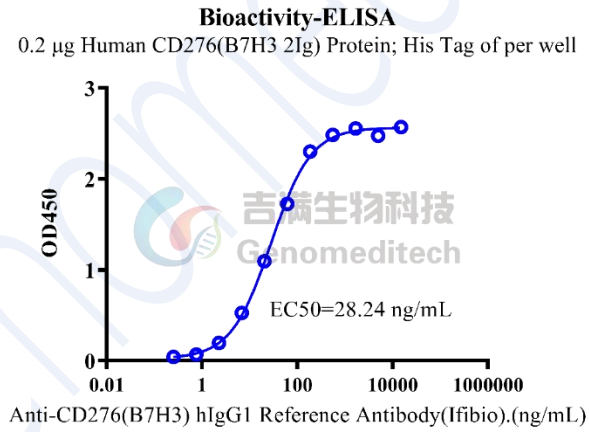


Fig. assay

Bioactivity-ELISA	Biotinylated Human CD276(B7H3 2Ig) Protein; His-Avi Tag (Catalog # GM-87618RP) was immobilized at 1 μg/ml (100 μL/well) on streptavidin precoated. Increasing concentrations of Anti-CD276(B7H3) hIgG1 Reference Antibody(Ifibio) (Catalog # GM-87345MAB) were added.

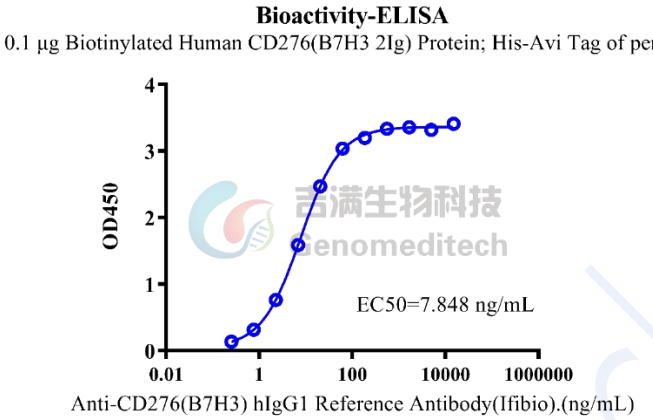


Fig. assay