Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
Toll-free: 400 627 9288
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Anti-Mouse_PD1×VEGF hIgG1 Bispecific Antibody

Product Information

Product Name	Anti-Mouse_PD1×VEGF hIgG1 Bispecific Antibody
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	**GM-88254MAB-1mg / 1 mg** **GM-88254MAB-5mg / 5 mg** **GM-88254MAB-25mg / 5 mg*5 vialse** **GM-88254MAB-50mg / 50 mg** **GM-88254MAB-100mg / 50 mg*2 vialse**

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	VEGF&PD1
Alternative Names	PD1: CD279 VEGF: VPF; MVCD1; L-VEGF
Source/Isotype	Monoclonal human IgG1 D265A, Kappa
Application	Flow cytometry; Block assay
Description	PD-1/VEGF Bispesific Antibody is a novel cancer immunotherapy drug that can target both PD-1 and VEGF. It blocks the interaction between PD-1 and PD-L1/PD-L2. The bispecific antibody can specifically bind to VEGFA and PD-1, selectively relieve the immune suppression caused by VEGFA and PD-1 in the body, and inhibit tumor-induced angiogenesis.
Formulation	20 mM Histidine, 150 mM NaCl, pH6.0

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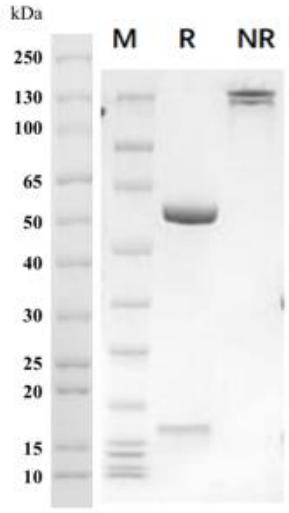
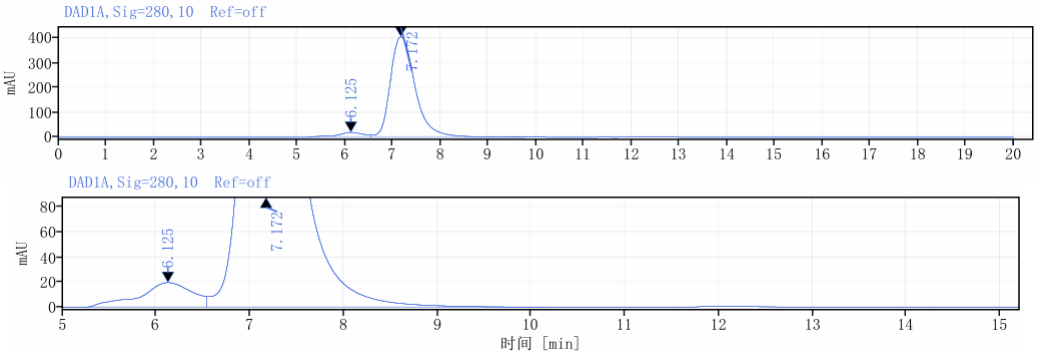
Data Examples

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

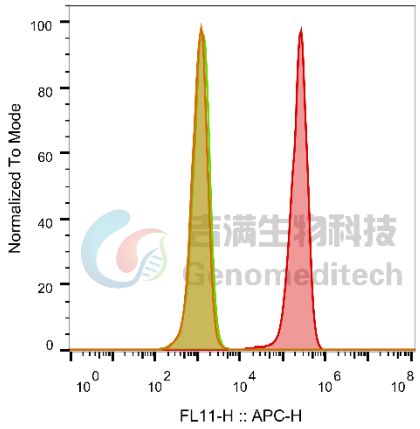


The purity of this product is more than 95% verified by SEC-HPLC

Version:3.1

Flow cytometry

M_PDCD1(PD-1) CHO-K1 Cell Line (Catalog # GM-C19255) was stained with Anti-Mouse_PD1×VEGF hIgG1 Bispecific Antibody (Catalog # GM-88254MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

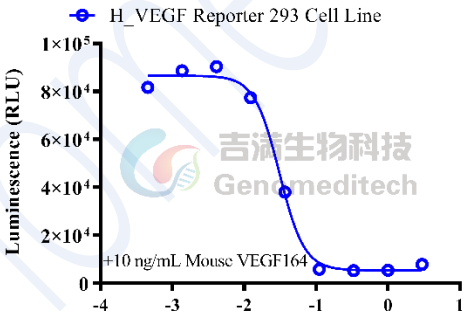


SampleID	Geometric Mean : FL11-H
CHO-K1 anti-M_PD1xVEGF+APC-2nd Ab	1099
CHO-K1 M_PDCD1(PD-1) H_IgG+APC-2nd Ab	1194
CHO-K1 M_PDCD1(PD-1) anti-M_PD1xVEGF+APC-2nd Ab	228816

Fig. FACS

Block assay

Anti-Mouse_PD1×VEGF hIgG1 Bispecific Antibody (Catalog # GM-88254AB) inhibits Anti-Mouse_PD1×VEGF hIgG1 Bispecific Antibody (Catalog # GM-88254MAB) Luminescence induced by Mouse VEGF164. IC50 for this effect is 0.031 μg/mL.



	H_VEGF Reporter 293 Cell Line
IC50	0.03100

Fig. assay