Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
Toll-free: 400 627 9288
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Anti-CD3×CD19 hIgG1 Reference Antibody (Blinbio)

Product Information

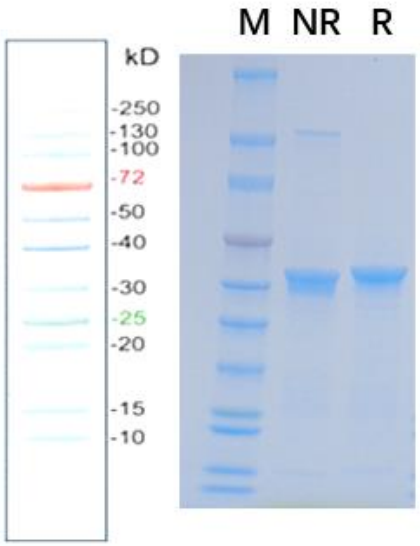
Product Name	Anti-CD3×CD19 hIgG1 Reference Antibody (Blinbio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	**GM-87942MAB-S / 100 μg** **GM-87942MAB-1mg / 1 mg** **GM-87942MAB-5mg / 5 mg** **GM-87942MAB-25mg / 5 mg*5 vials**

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Species Reactivity	Human
Clone	Blinatumomab
Source/Isotype	Monoclonal Human IgG1 kappa
Application	Activation assay
Specificity	Detects CD3&CD19
Gene	CD3&CD19
Other Names	CD3: CD3 T-Cell Co-receptor;CD3D; CD3E; CD3G CD19: B4, CVID3
Background	CD3 and CD19 are protein markers on the surface of immune cells. CD3 and CD19 are protein markers on the surface of immune cells. CD3 is a marker on the surface of T cells, while CD19 is a marker on the surface of B cells. These studies contribute to a deeper understanding of how the immune system works and its applications in disease treatment and immunotherapy
Storage	Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term.Avoid repeated freeze-thaw.
Formulation	20 mM Histidine, 150 mM NaCl, pH6.0
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

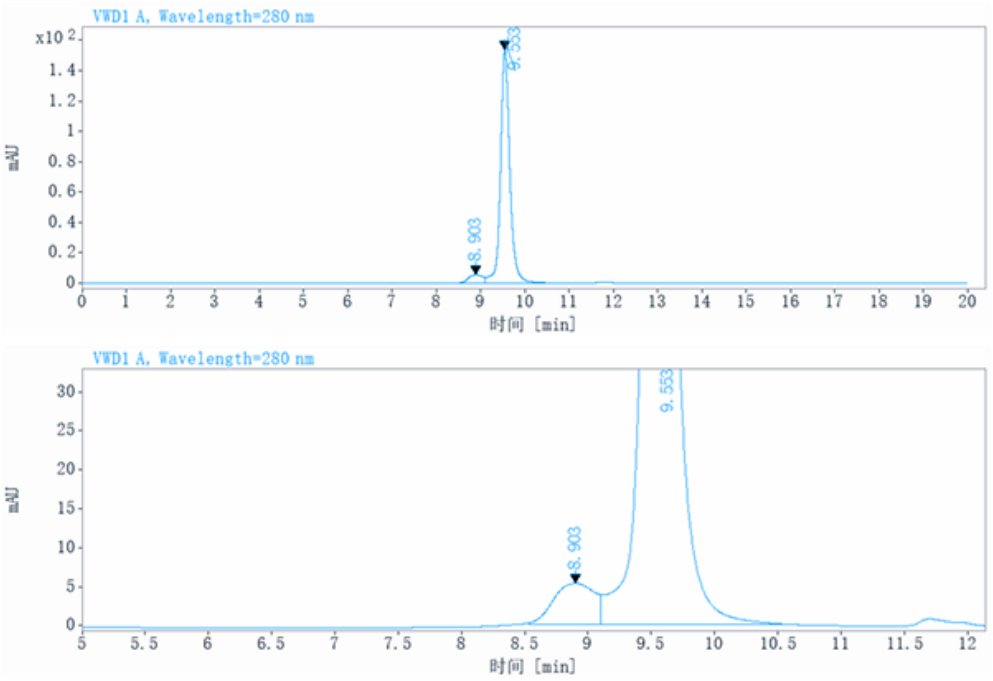
Data Examples

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



VWD1 A, Wavelength=280 nm

8.903 MF	0.3727	116.1960	5.1968	4.9287
9.553 FM	0.2434	2241.3193	153.4932	95.0713
	总和	2357.5153		

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

Version:3.1

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Activation assay

Anti-CD3×CD19 hIgG1 Reference Antibody (Blinbio) (GM-87942MAB) and H_CD19 CHO-K1 Cell line (Catalog #GM-C19025) activates the Jurkat CD3-BsAb Reporter Cell Line (Catalog #GM-C17940), which induces luminescence. The IC50 for this effect is 0.007647 ug/mL.

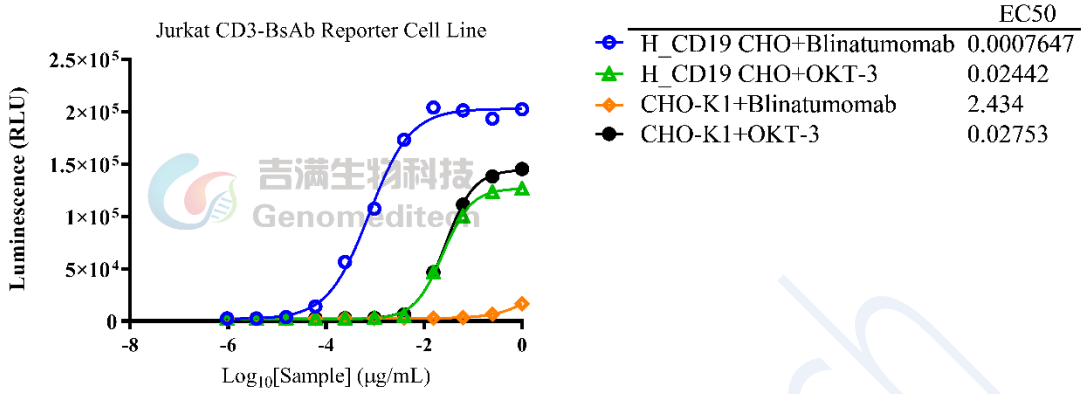

Fig. assay