

Anti-VEGF hlgG1 Reference Antibody (Bevbio)

Product Information

Product Name	Anti-VEGF hlgG1 Reference Antibody (Bevbio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87758MAB-1mg / 1 mg GM-87758MAB-5mg / 5 mg GM-87758MAB-25mg / 25 mg GM-87758MAB-50mg / 50 mg GM-87758MAB-100mg / 100 mg

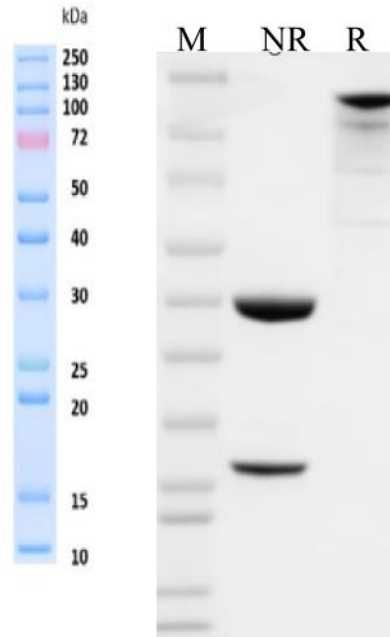
Antibody Information

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	VEGF
Clone	Bevacizumab
Alternative Names	VEGF: VPF; MVCD1; L-VEGF
Source/Isotype	Monoclonal human IgG1(KEEM), kappa
Application	Block assay
Description	This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression.
Formulation	phosphate-buffered solution, pH 7.4.

Version:3.2

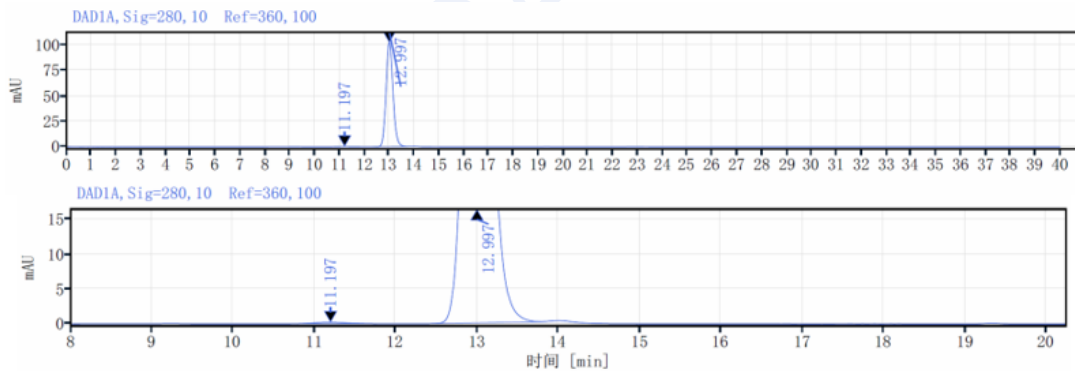
Data Examples

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

Data Examples

Block assay

Anti-VEGF hlgG1 Reference Antibody (Bevbio) (Catalog # GM-87758MAB) inhibits H_VEGF Reporter 293 Cell Line (Catalog # GM-C09057) Luminescence induced by Human VEGF165. IC50 for this effect is 0.07049 $\mu\text{g}/\text{mL}$.

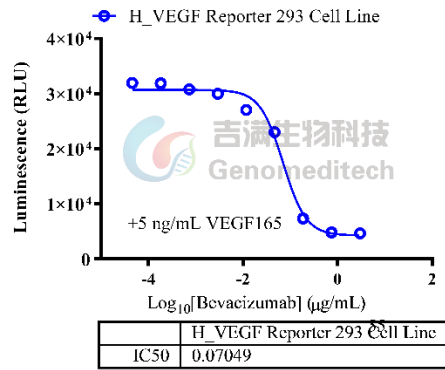


Fig. assay