

Anti-VEGF hIgG1 Antibody(Bevacizumab)

Product Information

GM-51978AB-10	10 µg
GM-51978AB-100	100 µg
GM-51978AB-1000	1 mg

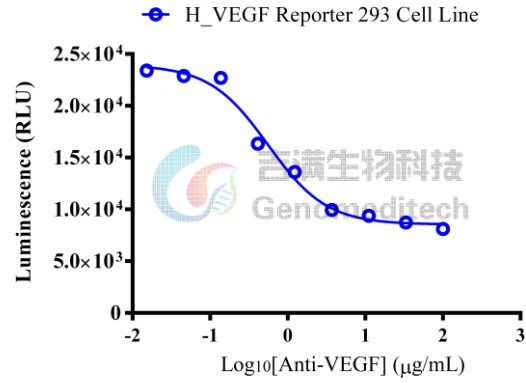
Antibody Information

Species Reactivity	Human
Clone	Bevacizumab
Source/Isotype	Monoclonal Human IgG1/k
Application	Block assay
Specificity	Detects VEGF.
Other Names	VEGFA; VEGFA; VPF
Gene ID	7422
Background	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..
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Block assay

Anti-VEGF hIgG1 Antibody(Bevacizumab) (Catalog # GM-51978AB)
 inhibits H_VEGF Reporter 293 Cell Line (Catalog # GM-C09057)
 Luminescence induced by VEGF165. IC50 for this effect is 0.5559
 µg/mL.



	H_VEGF Reporter 293 Cell Line
IC50	0.5559

Fig. assay