

Anti-Human VEGF Antibody

Catalog # ABG10583

Product Information

Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Additional Information

Preparation	Produced in BALB/c mice using highly pure (>98%) recombinant human VEGF ₁₆₅ as the immunizing antigen. This IgG1 _κ antibody was purified from cell culture by Protein A chromatography.
WesternBlot	To detect hVEGF ₁₆₅ by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hVEGF ₁₆₅ is 0.25-0.50 ng/lane, under non-reducing conditions.
Sandwich	In a sandwich ELISA (assuming 100ul/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 100 pg/ml of recombinant human VEGF ₁₆₅ when used with BioGems's biotinylated antigen affinity purified anti-human VEGF ₁₆₅ (60-342BT) as the detection antibody at a concentration of approximately 0.25-1.0 µg/ml.
Neutralization	To yield one-half maximal inhibition [ND ₅₀] of the biological activity of Human VEGF (10 ng/ml), a concentration of ≤ 0.2 µg/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20°C
Precautions	Anti-Human VEGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.