

Anti-Human VEGF Antibody
Catalog # ABG10583**Specification**

Anti-Human VEGF Antibody - Product Information

Application	WB, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Anti-Human VEGF Antibody - Additional Information**Preparation**

Produced in BALB/c mice using highly pure (>98%) recombinant human VEGF₁₆₅ as the immunizing antigen. This IgG1_K antibody was purified from cell culture by Protein A chromatography.

WesternBlot

To detect hVEGF₁₆₅ 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 hVEGF₁₆₅ 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 VEGF₁₆₅ when used with BioGems's biotinylated antigen affinity purified anti-human VEGF₁₆₅ (60-342BT) as the detection antibody at a concentration of approximately 0.25-1.0 µg/ml.

Neutralization

To yield one-half maximal inhibition **[ND₅₀]** 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.

Anti-Human VEGF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human VEGF Antibody - Images