

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 μ g/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 μ g/ml of this antibody will detect at least 100 pg/ml of recombinant human VEGF₁₆₅ when used with BioGems' biotinylated antigen affinity purified anti-human VEGF₁₆₅ (60-342BT) as the detection antibody at a concentration of approximately 0.25-1.0 μ g/ml.

Neutralization

To yield one-half maximal inhibition [ND₅₀] of the biological activity of Human VEGF (10 ng/ml), a concentration of $\leq 0.2 \,\mu$ g/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.

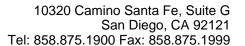
Storage

-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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human VEGF Antibody - Images