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Anti-Murine VEGF Antibody

Catalog # ABG10577

Specification

Anti-Murine VEGF Antibody - Product Information

Application	**WB, IHC, E**
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

Anti-Murine VEGF Antibody - Additional Information

Preparation
Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mVEGF. Anti-Murine VEGF specific antibody was purified by affinity chromatography employing immobilized mVEGF matrix.

WesternBlot
To detect mVEGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mVEGF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich
To detect mVEGF by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems' Biotinylated Anti-Murine VEGF (61-127BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mVEGF.

Immunohistochemistry
This antibody stained formalin-fixed, paraffin-embedded sections of normal murine kidney. The recommended concentration is 2.5µg/ml for one hour at room temperature. A secondary fluorophore conjugated antibody was used for thirty minutes at room temperature. High pH heat induced antigen retrieval is recommended. Optimal concentrations and conditions may vary.

Neutralization
To yield one-half maximal inhibition [ND₅₀] of the biological activity of mVEGF (10.00 ng/ml), a concentration of 0.08-0.12 µg/ml of this antibody is required.

Formulation
A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

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-Murine VEGF Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

Anti-Murine 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 Cytomety
- Cell Culture

Anti-Murine VEGF Antibody - Images