

Anti-Murine VEGF Antibody

Catalog # ABG10577

Product Information

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

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 μ g/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 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ g/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 2.5 μ g/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 [ND ₅₀] of the biological activity of mVEGF (10.00 ng/ml), a concentration of 0.08-0.12 μ g/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.

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