

RABBIT ANTI-MOUSE VASCULAR ENDOTHELIAL GROWTH FACTOR POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB2142P	QUANTITY:	50 µg
LOT NUMBER:	XXXXX	CONCENTRATION:	1 mg/mL
ALTERNATE NAMES:	Vascular Endothelial Growth Factor		
SPECIFICITY:	Reacts with mouse Vascular Endothelial Growth Factor (VEGF), a secreted homodimeric protein secreted by a variety of vascularized tissues. The reported activities of VEGF include stimulation of endothelial cell growth, angiogenesis, and capillary permeability.		
APPLICATIONS:	<p><u>Western Blot:</u> A concentration of 0.1 - 0.2 µg/ml is required to detect 1.5-3.0 ng/lane of mouse VEGF, under either reducing or non-reducing conditions.</p> <p><u>Neutralization:</u> To yield one-half maximal inhibition [ND₅₀] of the biological activity of mouse VEGF (50.0 ng/ml), a concentration of 1.0 - 2.0 µg/ml of antibody is required.</p> <p><u>ELISA:</u> A concentration of at least 0.5 µg/ml (100 µL/well) is required to detect 0.2-0.4 ng/well of recombinant mouse VEGF.</p> <p><i>Optimal working dilutions must be determined by the end user.</i></p>		
SPECIES REACTIVITY:	Mouse. Reactivity with other species has not been determined.		
IMMUNOGEN:	Highly pure (>98%) recombinant mouse Vascular Endothelial Growth Factor.		
PRESENTATION:	Immunoglobulin purified by affinity chromatography employing immobilized mouse VEGF matrix. Sterile filtered antibody solution (1 mg/ml) was lyophilized from PBS, pH 7.2 Reconstitute with sterile distilled water.		
STORAGE/HANDLING:	Reconstituted antibody, at a concentration of ≥ 0.2 mg/ml, is stable for at least six weeks at 2°-4°C. Aliquots stored at -20°C are stable for at least one year from date of receipt.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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