



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti-Human VEGF Receptor1 (Extracellular Domain)

Catalog No.

129-10673

Target Species

Human

Isotype

Polyclonal IgG

Preparation

Synonyms: FLT-1**Immunogen:** Peptide corresponding to the N-terminal (extracellular) domain of human VEGF receptor 1.**Antiserum Preparation:** Antisera to human VEGF receptor 1 were raised by repeated immunizations of rabbits with highly purified antigen.

Specificity

129-10673 recognizes the extracellular (N-terminal) domain of human Vascular Endothelial Growth Factor Receptor 1 (VEGFR1 or Flt-1), a 180 kDa membrane receptor tyrosine kinase. It is expressed by almost all vascular endothelial cell and some peripheral blood monocytes. Vascular Endothelial Growth Factor is a regulator of physiological angiogenesis during embryogenesis, skeletal growth and reproductive functions.

Species Cross Reactivity: Reacts with Rat**N.B.** Antibody reactivity and working conditions may vary between species.

Formulation

Product Type: Polyclonal Antibody**Product Form:** Serum - liquid**Preservative Stabilizers:** 0.09% Sodium Azide (NaN₃) , 0.5% Bovine Serum Albumin

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry			•	
ELISA	•			
Western Blotting (1)	•			1/500 - 1/1000

Note: Other applications are not tested yet. Optimal dilutions should be determined.

(1) This product detects a band of approximately 75kDa in human endothelial cell lysate.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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