



# *Anti-Human VEGF-121 Polyclonal Antibody*

*Catalog: PAR-100-VEGF121*

## *Specifications and Use*

**Target:** Human Vascular Endothelial Growth Factor-121

**Host and Purification:** Ig Fraction of Rabbit Serum

**Immunogen:** Full length recombinant Human VEGF-121

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with no stabilizers or preservatives

**Storage:** Store at 2-8°C after restoration with 0.1mL deionized water or -20°C for long term storage, avoid repeat freeze thaws.

**Size and Label:** 100 µg, Unlabeled

**Physical State:** Lyophilized

**Endotoxin Level:** <0.1EUs per ug

**Alternate Target Names:** VEGF-A, VPF, glioma-derived endothelial cell mitogen

### **Description:**

Vascular Endothelial Growth Factor-A (VEGF-A) was originally isolated from tumor cells and is produced by a wide variety of cell types. In addition to stimulating vascular growth and vascular permeability, VEGF-A may play a role in stimulating vasodilatation via nitric oxide-dependent pathways. VEGF-A has several variants, one being VEGF-121. The human sequence shares a 95% homology with bovine. Human VEGF-121 is a disulfide-linked homodimer, containing two 121 amino acid proteins and having a total molecular mass of 28.4 kDa.

### **Reported Applications:**

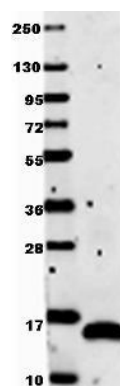
Western Blot  
ELISA

### **Recommended Dilution\*:**

1:1000 starting  
No Data

**\*INVESTIGATORS ARE ADVISED TO TITRATE ANTIBODIES TO REACH OPTIMAL ASSAY CONDITIONS FOR THEIR SPECIFIC NEEDS.**

**THIS PRODUCT IS FOR RESEARCH USES ONLY! THIS PRODUCT IS NOT FOR USE IN HUMANS!!!**



Western blot analysis of recombinant human VEGF-121 using rabbit anti-human VEGF-121 polyclonal antibody and anti-rabbit secondary antibodies. MW of human VEGF-121 is 14.2 kDa (under reducing conditions).

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