

## VEGF164 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252188

**Unit:** 0.1 mg

**Description:**

Vascular endothelial growth factor-1 (VEGF164) is a growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. VEGF164, a secreted form of VEGF, induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. VEGF164 binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. VEGF164 also plays a role in increasing vascular permeability during lactation.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R

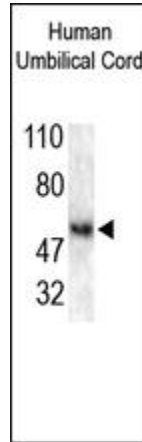
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 1% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** Vascular endothelial growth factor A; VEGFa; VEGF164; Vegfa; VEGF-A; Vascular permeability factor; VPF; Vegf

**Accession No.:** Q00731

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse VEGF164.

**Application Notes:** E: 1:,000-1:10,000; WB: 1:200-1:500; IHC: 1:100-1:500



**The VEGF164 Antibody is used in Western blot to detect VEGF164 in human umbilical cord lysates.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.