
Mouse Anti-Vascular Endothelial Growth Factor (VEGF) (Biotin) Recombinant

AntibodyNo. :KF-ab0050

Expression Host: Nicotiana benthamiana plants

Clonality: Monoclonal, recombinant

Species and Isotype: Mouse IgG2a

Description: This product is a full-length Mouse IgG2a recombinant antibody specific to Vascular Endothelial Growth Factor (VEGF-165a). It was produced in Nicotiana benthamiana plants via Agrobacterium tumefaciens-mediated infiltration.

Verified Applications: Western blot, ELISA

Dilution Range: ELISA (1: 1 000 - 1: 10 000) Western blot (1: 1 000 - 1: 2 000)

Tested Species Reactivity : Human

Concentration : 1 mg/ml

Form : Liquid

Storage: Short-term (up to one week): 2 - 8 ° C

Long term: Aliquot and store at - 20 ° C

Store immediately. Aliquot and avoid multiple freeze-thaw cycles.

Storage Buffer: 0.1 M Phosphate Buffered Saline, pH 7.8. Preservative: None

Purification Notes: This product was purified using Protein A- affinity chromatography.

Purity: \geq 95% as determined by SDS-PAGE

General Notes: For Research Use only, unless otherwise indicated.

Image:

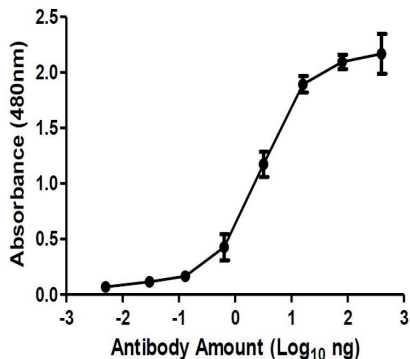


Figure 1. ELISA Dose Response curve using Mouse Anti-VEGF (Biotin) Antibody from 4.0 – 0.00005 ng/uL to detect 50 ng Recombinant Human VEGF antigen. Experiments were performed in triplicate, with error bars representing standard deviation (SD).

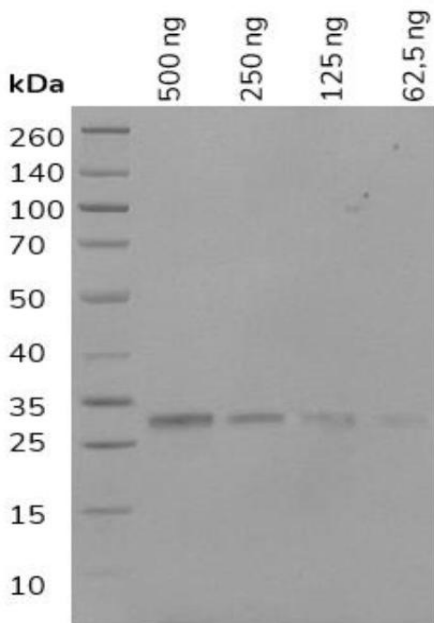


Figure 2. Western blot of decreasing amounts of Recombinant Human VEGF (~28 kDa) detected with Mouse Anti-VEGF (Biotin) at 1: 1 000 and HRP conjugated Streptavidin at 1: 5 000.