



Anti-Human VEGF Monoclonal Antibody, Purified

E16THU007

<u>Catalog No.</u>	<u>Size</u>
E16THU007-050	50 μ L
E16THU007-100	100 μ L

Description: The onset of angiogenesis is believed to be an early event in tumorigenesis and may facilitate tumor progression and metastasis. Several growth factors with angiogenic activity have been described. These include fibroblast growth factors (FGFs), platelet derived growth factor (PDGF) and vascular endothelial growth factor (VEGF). VEGF is a dimeric glycoprotein with structural homology to PDGF. Several variants of VEGF have been described that arise by alter-native mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo because the expression pattern of VEGF is consistent with a role in embryonic angiogenesis. VEGF mRNA is formed in some primary tumors, VEGF is produced by tumor cell lines in vitro and VEGF mitogenic activity appears to be restricted to endothelial cells. A member of the PDGF receptor family, Flt, has been identified as a high-affinity receptor for VEGF.

Storage: Store at 4°C, DO NOT FREEZE. Stable for one year. Non-hazardous. No MSDS required.

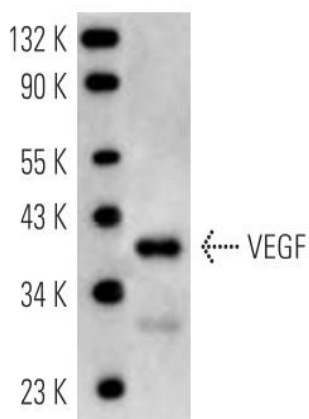
Clone: 4AVG76e

Source: Mouse

Formulation: 0.01M PBS, 0.09%NaN₃, pH 7.4

Application: WB; IP; IF

Under different test conditions, the best working concentration may be different, please work according to the results of preliminary experiments to determine the best concentration.



Experiment: (WESTERN BLOT Test):

Western blot analysis of human breast carcinoma tissue extract with purified human VEGF antibody (4AVG76e) .

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