

VEGF Recombinant antibody

Cat:B32149R
Company: Haokebio

Uniprot ID: P15692

Applications: IHC:1:100-1:200

Organism: Rabbit

IHC-Polymer:1:400-1:800

Species reactivity: Human

TSA:1:500-1:1000

Background:

Vascular Endothelial Growth Factor A (VEGF-A; formerly known as VEGF) belongs to the VEGF /PDGF family of growth factors and plays a crucial role in promoting vascular development. VEGF-A has eight isoforms, which are derived from alternatively spliced mRNA variants encoded by the VEGF-A gene. VEGF-A is secreted by a variety of cells, including fibroblasts, macrophages, and some tumor cells. VEGF-A binds to its cognate receptors (VEGFR2 and VEGFR1) on the surface of endothelial cells, activating the receptors and initiating downstream signaling. This leads to endothelial cell proliferation, survival, migration, and changes in vascular permeability—all of which are key processes in angiogenesis.

Protein full name:

vascular endothelial growth factor A

Synonyms:

VEGF, 7H10, L-VEGF, N-VEGF, Vascular Endothelial Growth Factor

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

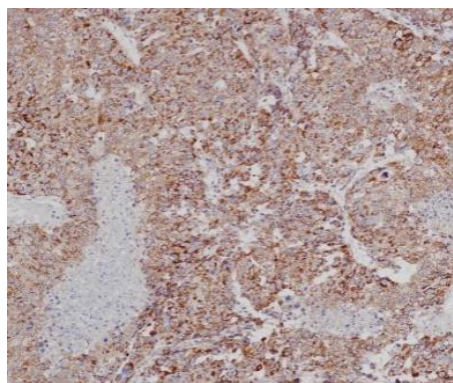
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:


Sample: Human liver cancer tissue, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:VEGF(B32149R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.