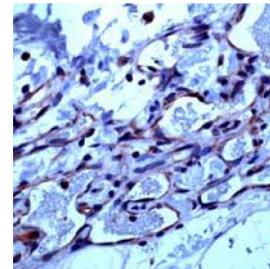


## Rabbit Anti-Human VEGF Monoclonal Antibody (Clone SP28)

### CATALOG #:

**M3281** 7 ml prediluted antibody in a 50mM Tris/1% BSA buffer pH 7.6 with 0.1% sodium azide,



*Human angiosarcoma stained with anti-VEGF antibody*

### INTENDED USE:

For Research Use Only. Not for use in diagnostic procedures.

### CLONE:

SP28

### IMMUNOGEN:

A synthetic peptide derived from N-terminus of human VEGF.

### IG ISOTYPE:

Rabbit IgG

### EPITOPE:

N-terminus

### MOLECULAR WEIGHT

19-28kDa (reduced)

### SPECIES REACTIVITY:

Human (tested). Others not tested

### DESCRIPTION:

VEGF (vascular endothelial growth factor) is a homodimeric, disulfide-linked glycoprotein involved in angiogenesis which promotes tumor progression and metastasis. This antibody reacts with the 165, 189 and 121 amino acid splice variants of VEGF of human.

### APPLICATIONS:

Immunohistochemistry (IHC)

### IHC PROCEDURE:

**Specimen Preparation:** Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.

**Deparaffinization:** Deparaffinize slides using xylene or xylene alternative and graded alcohols.

**Antibody Dilution:** Ready-to-use

**Antigen Retrieval:** Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

**Primary Antibody Incubation:** Incubate for 30 minutes at RT.

**Slide Washing:** Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween.

**Visualization:** Detect the antibody as instructed by the instructions provided with the visualization system.

### POSITIVE CONTROL:

Angiosarcoma

### CELLULAR LOCALIZATION:

Cytoplasmic, cell surface and extracellular matrix

### STORAGE & STABILITY

Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. Every antibody is expiration dated. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.

### WARNINGS & PRECAUTIONS:

1. Avoid contact of reagents with eyes and mucous membranes. If reagents come into contact with sensitive areas, wash with copious amounts of water.
2. This product is harmful if swallowed.
3. This product contains sodium azide, a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper plumbing. Upon disposal, flush with large volumes of water to prevent metal azide buildup in plumbing.
4. Consult local or state authorities with regard to recommended method of disposal. In the European Union, this material and its container must be disposed of as hazardous waste.
5. Avoid microbial contamination of reagents.



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