

## 32-5797: Mouse Anti Human Vascular Endothelial Growth Factor(Clone:NYRhVEGF.)

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|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal  |
| <b>Clone Name :</b>            | NYRhVEGF.   |
| <b>Application :</b>           | ELISA,WB,IP   |
| <b>Gene :</b>                  | VEGFA   |
| <b>Gene ID :</b>               | 7422  |
| <b>Uniprot ID :</b>            | P15692  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | Vascular endothelial growth factor A,VEGF-A,Vascular permeability factor,VPF,VEGF,MGC70609. |
| <b>Isotype :</b>               | Mouse IgM.  |
| <b>Immunogen Information :</b> | r.HumanVEGF.  |

### Description

Vascular endothelial growth factor is an important signaling protein involved in both vasculogenesis and angiogenesis. As its name implies, VEGF activity has been mostly studied on cells of the vascular endothelium, although it does have effects on a number of other cell types (e.g. stimulation monocyte/macrophage migration, neurons, cancer cells, kidney epithelial cells). VEGF mediates increased vascular permeability, induces angiogenesis, vasculogenesis and endothelial cell growth, promotes cell migration, and inhibits apoptosis. In vitro, VEGF has been shown to stimulate endothelial cell mitogenesis and cell migration. VEGF is also a vasodilator and increases microvascular permeability and was originally referred to as vascular permeability factor. Elevated levels of this protein is linked to POEMS syndrome, also known as Crow-Fukase syndrome. Mutations in this gene have been associated with proliferative and nonproliferative diabetic retinopathy.

### Product Info

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|----------------------------|---|
| <b>Amount :</b>            | 1 mg  |
| <b>Purification :</b>      | Boric acid precipitation Protein concentration 1mg/ml in PBS (after reconstitution).  |
| <b>Content :</b>           | 1mg/ml in PBS (after reconstitution).   |
| <b>Storage condition :</b> | In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. |

### Application Note

Direct ELISA, Western Blot, Immunoprecipitation.