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# VEGF

Mouse Monoclonal antibody(Mab)
Catalog # AD80312

## Product Information

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|---|---|
| **Application** | IHC-P |
| **Primary Accession** | P15692 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Clone Names** | 624A1C6 |
| **Calculated MW** | 43597 |

## Additional Information

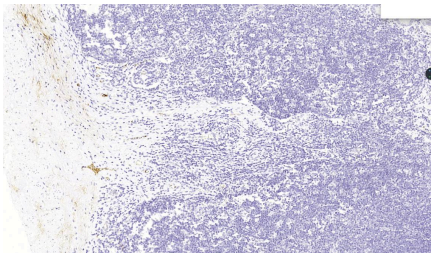
| | |
|---|---|
| **Gene ID** | 7422 |
| **Gene Name** | VEGFA |
| **Other Names** | Vascular endothelial growth factor A, long form, L-VEGF, Vascular permeability factor, VPF, N-VEGF, VEGFA, VEGFA, VEGF |
| **Dilution** | IHC-P~~Pre-diluted Ready-To-Use (RTU) |
| **Storage** | Maintain refrigerated at 2-8°C. |
| **Precautions** | VEGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **Name** | VEGFA |
| **Synonyms** | VEGF |
| **Function** | [N-VEGF]: Participates in the induction of key genes involved in the response to hypoxia and in the induction of angiogenesis such as HIF1A (PubMed:35455969). Involved in protecting cells from hypoxia- mediated cell death (By similarity). |
| **Cellular Location** | [N-VEGF]: Cytoplasm. Nucleus. Note=Cytoplasmic in normoxic conditions and localizes to the nucleus under hypoxic conditions [Isoform L-VEGF189]: Endoplasmic reticulum. Golgi apparatus. Secreted, extracellular space, extracellular matrix [Isoform VEGF165]: Secreted |
| **Tissue Location** | Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed. |

## Images

Immunohistochemical analysis of formalin-fixed and



paraffin-embedded human appendix tissue was performed with VEGF primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.