

# Anti-VEGF Reference Antibody (BioMab patent anti-VEGF)

Recombinant Antibody

Catalog # APR10355

## Product Information

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|--------------------------|----------------------------|
| <b>Application</b>       | FC, Kinetics, Animal Model |
| <b>Primary Accession</b> | <a href="#">P15692</a>     |
| <b>Reactivity</b>        | Human, Rabbit              |
| <b>Clonality</b>         | Monoclonal                 |
| <b>Isotype</b>           | IgG1                       |
| <b>Calculated MW</b>     | 43597                      |

## Additional Information

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Target/Specificity</b> | VEGF                                                                                                                             |
| <b>Endotoxin</b>          |                                                                                                                                  |
| <b>Conjugation</b>        | Unconjugated                                                                                                                     |
| <b>Expression system</b>  | CHO Cell                                                                                                                         |
| <b>Format</b>             | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column. |

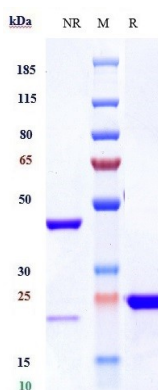
## Protein Information

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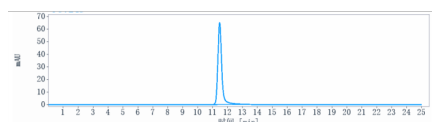
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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | VEGFA                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>          | VEGF                                                                                                                                                                                                                                                                     |
| <b>Function</b>          | [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: <a href="#">35455969</a> ). Involved in protecting cells from hypoxia- mediated cell death (By similarity).         |
| <b>Cellular Location</b> | [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 |
| <b>Tissue Location</b>   | Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed.                                                                                                                            |

## Images

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Anti-VEGF Reference Antibody (BioMab patent anti-VEGF) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-VEGF Reference Antibody (BioMab patent anti-VEGF) is more than 100% ,determined by SEC-HPLC.

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