

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

Recombinant Antibody Catalog # APR10355

Specification

Anti-VEGF Reference Antibody (BioMab patent anti-VEGF) - Product Information

Application Primary Accession

Reactivity Clonality Isotype Calculated MW FC, Kinetics, Animal Model P15692

Human, Rabbit **Monoclonal** IqG1

49.19 KDa

Anti-VEGF Reference Antibody (BioMab patent anti-VEGF) - Additional Information

Target/Specificity

VEGF

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Anti-VEGF Reference Antibody (BioMab patent anti-VEGF) - Protein Information

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

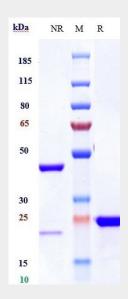
Higher expression in pituitary tumors than the pituitary gland. [Isoform VEGF165]: Widely expressed. [Isoform VEGF206]: Not widely expressed.

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

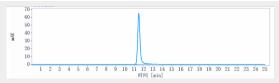
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



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.