

Anti-VEGFA Reference Antibody (brolucizumab)

Catalog # APR11170

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P15692
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-CS
Calculated MW	43597

Additional Information

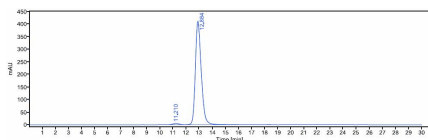
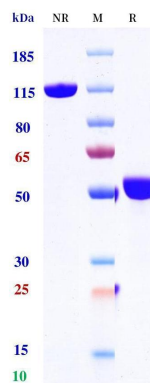
Target/Specificity	VEGFA
Expression system	CHO

Protein Information

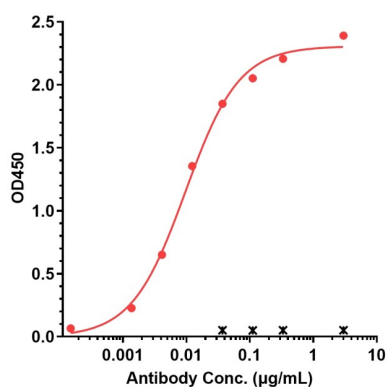
Name	VEGFA
Synonyms	VEGF
Function	[N-VEGF]: Participates in the induction of key genes involved in the response to hypoxia and in the induction of angiogenesis such as HIF1A (PubMed: 35455969). Involved in protecting cells from hypoxia- mediated cell death (By similarity).
Cellular Location	[N-VEGF]: 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.

Images

Anti-VEGFA Reference Antibody (brolucizumab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-VEGFA Reference Antibody (brolucizumab) is 98.7%, determined by SEC-HPLC.



Immobilized Human VEGFA, His tag at 2 µg/mL can bind brolucizumab, EC50= 0.009690 µg/mL.

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