

**Anti-ANGPT2 Reference Antibody (nesvacumab)
Recombinant Antibody
Catalog # APR10041****Specification**

Anti-ANGPT2 Reference Antibody (nesvacumab) - Product Information

Application	FC, E, FTA
Primary Accession	O15123
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	144.86 KDa

Anti-ANGPT2 Reference Antibody (nesvacumab) - Additional Information**Target/Specificity**
ANGPT2**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.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-ANGPT2 Reference Antibody (nesvacumab) - Protein Information****Name** ANGPT2**Function**
Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling (PubMed:15284220, PubMed:19116766, PubMed:19223473, PubMed:9204896). Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1 (PubMed:15284220, PubMed:19116766, PubMed:19223473, PubMed:9204896).

href="http://www.uniprot.org/citations/19223473" target="_blank">19223473, PubMed:9204896). In the absence of angiogenic inducers, such as VEGF, ANGPT2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal (PubMed:15284220, PubMed:19116766, PubMed:19223473, PubMed:9204896). Involved in the regulation of lymphangiogenesis (PubMed:32908006).

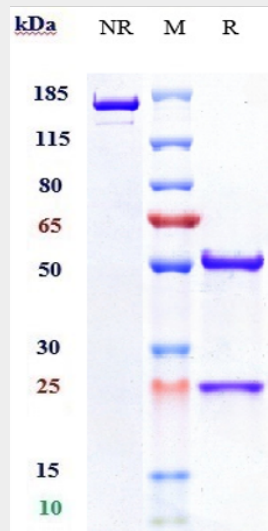
Cellular Location
Secreted.

Anti-ANGPT2 Reference Antibody (nesvacumab) - Protocols

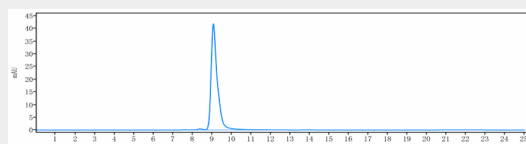
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

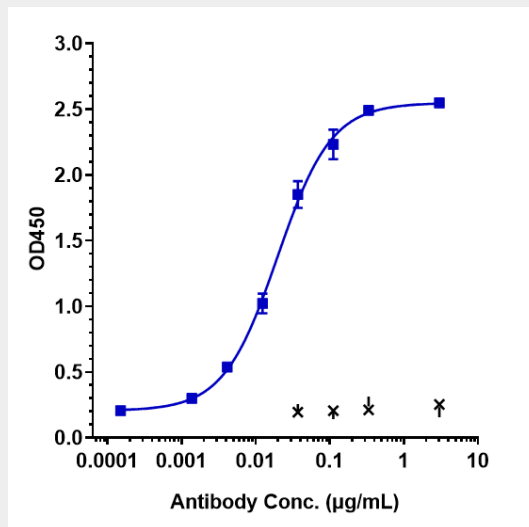
Anti-ANGPT2 Reference Antibody (nesvacumab) - Images



Anti-ANGPT2 Reference Antibody (nesvacumab) 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-ANGPT2 Reference Antibody (nesvacumab) is more than 99.11% ,determined by SEC-HPLC.



Immobilized human ANGPT2 His at 2 µg/mL can bind Anti-ANGPT2 Reference Antibody (nesvacumab) $EC_{50}=0.01965$ µg/mL