

Anti-ANGPT2 Reference Antibody (zansecimab)

Recombinant Antibody
Catalog # APR10279

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	O15123
Reactivity	Human, Mouse, Rat, Rabbit, Dog
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	56919

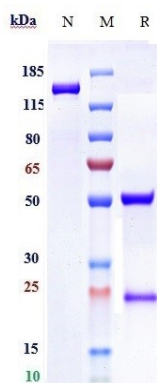
Additional Information

Target/Specificity	ANGPT2
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in 100mM Pro-Ac, 20mM Arg, pH5.0, without preservative. This antibody is purified through a protein A column.

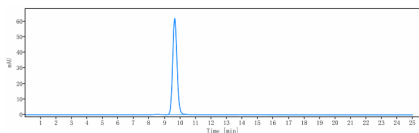
Protein Information

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). 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.

Images



Anti-ANGPT2 Reference Antibody (zansecimab) 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 (zansecimab) 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'.