

**Anti-ANGPT2 Reference Antibody (zansecimab)
Recombinant Antibody
Catalog # APR10279****Specification**

Anti-ANGPT2 Reference Antibody (zansecimab) - Product Information

Application	FC, E, FTA
Primary Accession	O15123
Reactivity	Rat, Dog, Cynomolgus, Human, Mouse, Rabbit
Clonality	Monoclonal
Isotype	IgG4SP
Calculated MW	145.24 KDa

Anti-ANGPT2 Reference Antibody (zansecimab) - 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 100mM Pro-Ac, 20mM Arg, pH5.0, without preservative. This antibody is purified through a protein A column.

Anti-ANGPT2 Reference Antibody (zansecimab) - Protein Information**Name** ANGPT2**Function**

Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling (PubMed: [15284220](http://www.uniprot.org/citations/15284220), PubMed: [19116766](http://www.uniprot.org/citations/19116766), PubMed: [19223473](http://www.uniprot.org/citations/19223473), PubMed: [9204896](http://www.uniprot.org/citations/9204896)).

Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1 (PubMed: [15284220](http://www.uniprot.org/citations/15284220), PubMed: [19116766](http://www.uniprot.org/citations/19116766), PubMed: [19223473](http://www.uniprot.org/citations/19223473), PubMed: [9204896](http://www.uniprot.org/citations/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).

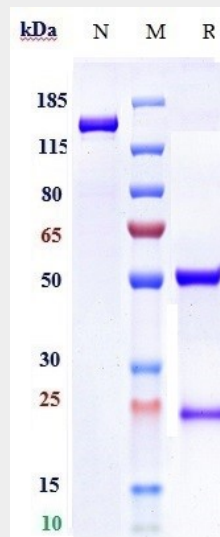
Cellular Location
Secreted.

Anti-ANGPT2 Reference Antibody (zansecimab) - Protocols

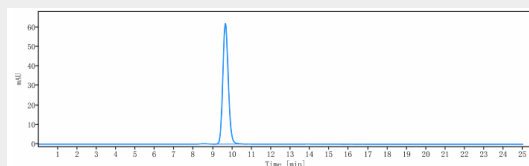
Provided below are standard protocols that you may find useful for product applications.

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

Anti-ANGPT2 Reference Antibody (zansecimab) - 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.