

**Anti-ANGPT2 Reference Antibody (Roche patent anti-ANG-2)
Recombinant Antibody
Catalog # APR10782**

Specification

Anti-ANGPT2 Reference Antibody (Roche patent anti-ANG-2) - Product Information

Application	FC, E, FTA
Primary Accession	O15123
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-ANGPT2 Reference Antibody (Roche patent anti-ANG-2) - 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 (Roche patent anti-ANG-2) - 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 (Roche patent anti-ANG-2) - 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 (Roche patent anti-ANG-2) - Images