

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

Recombinant Antibody  
Catalog # APR10782

## Product Information

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Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">O15123</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	56919

## Additional Information

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Target/Specificity	ANGPT2
Endotoxin 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.

## Protein Information

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Name	ANGPT2
Function	Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling (PubMed: <a href="#">15284220</a> , PubMed: <a href="#">19116766</a> , PubMed: <a href="#">19223473</a> , PubMed: <a href="#">9204896</a> ). Can induce tyrosine phosphorylation of TEK/TIE2 in the absence of ANGPT1 (PubMed: <a href="#">15284220</a> , PubMed: <a href="#">19116766</a> , PubMed: <a href="#">19223473</a> , PubMed: <a href="#">9204896</a> ). 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: <a href="#">15284220</a> , PubMed: <a href="#">19116766</a> , PubMed: <a href="#">19223473</a> , PubMed: <a href="#">9204896</a> ). Involved in the regulation of lymphangiogenesis (PubMed: <a href="#">32908006</a> ).
Cellular Location	Secreted.

## Images

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Image not found : 202311/AP90781-1.jpg

Anti-ANGPT2 Reference Antibody (Roche patent anti-ANG-2) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

Image not found : 202311/AP90781-2.jpg

The purity of Anti-ANGPT2 Reference Antibody (Roche patent anti-ANG-2) is more than 95% ,determined by SEC-HPLC.

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