

Angiopoietin 2 Rabbit mAb
Catalog # AP75073**Specification****Angiopoietin 2 Rabbit mAb - Product Information**

Application	WB, IHC-P
Primary Accession	O15123
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56919

Angiopoietin 2 Rabbit mAb - Additional Information**Gene ID** 285**Other Names**
ANGPT2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**Angiopoietin 2 Rabbit mAb - 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](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)).

target="_blank">9204896). Involved in the regulation of lymphangiogenesis (PubMed:32908006).

Cellular Location

Secreted.

Angiopoietin 2 Rabbit mAb - 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](#)

Angiopoietin 2 Rabbit mAb - Images

