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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
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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, 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:<a href="http://www.uniprot.org/citations/15284220"

target="_blank">15284220, PubMed:19116766, PubMed:19223473, PubMed: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 Cytomety
- Cell Culture

Angiopoietin 2 Rabbit mAb - Images