

**Anti-ANGPT2 Reference Antibody (MEDI3617)
Recombinant Antibody
Catalog # APR10441****Specification**

Anti-ANGPT2 Reference Antibody (MEDI3617) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	O15123
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	145 KDa

Anti-ANGPT2 Reference Antibody (MEDI3617) - 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.**Anti-ANGPT2 Reference Antibody (MEDI3617) - 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:15284220, PubMed:19116766, PubMed:19223473, PubMed:9204896). Involved in the regulation of lymphangiogenesis (PubMed:32908006).

Cellular Location

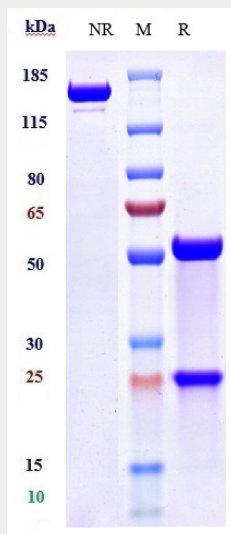
Secreted.

Anti-ANGPT2 Reference Antibody (MEDI3617) - Protocols

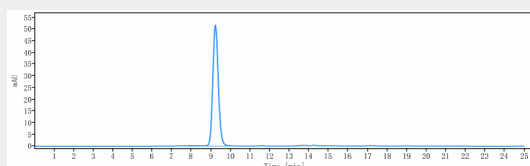
Provided below are standard protocols that you may find useful for product applications.

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

Anti-ANGPT2 Reference Antibody (MEDI3617) - Images



Anti-ANGPT2 Reference Antibody (MEDI3617) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-ANGPT2 Reference Antibody (MEDI3617) is more than 95% ,determined by SEC-HPLC.