
Product Name: Angiotensin 2 Rabbit Monoclonal Antibody**Catalog #: AMRe83990**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.59mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200
Molecular Weight	Calculated MW: 57 kDa ; Observed MW: 50 kDa

Antigen Information

Gene Name	Angiotensin 2
Alternative Names	AGPT 2; Agpt2; ANG2; Angiotensin 2a; Angiotensin 2B; Angiotensin2; ANGPT 2; Angpt2; Tie2 ligand;;Angiotensin 2
Gene ID	
SwissProt ID	O15123
Immunogen	A synthesized peptide derived from human Angiotensin 2

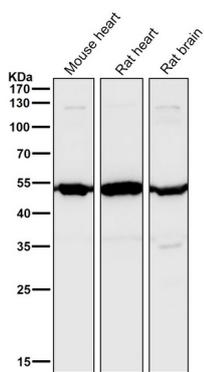
Background

Binds to TEK/TIE2, competing for the ANGPT1 binding site, and modulating ANGPT1 signaling. Can induce tyrosine

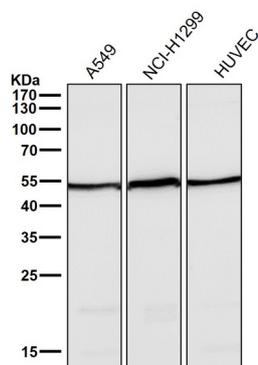
phosphorylation of TEK/TIE2 in the absence of ANGPT1. In the absence of angiogenic inducers, such as VEGF, ANGPT2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal.

Research Area

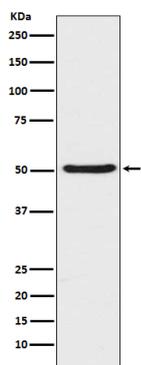
Image Data



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of Angiopoietin 2 expression in HUVEC cell lysate.