

**Product Name: Angiopoietin 1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01421**

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## Summary

<b>Production Name</b>	Angiopoietin 1 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	ANGPT1
<b>Alternative Names</b>	ANGPT1; KIAA0003; Angiopoietin-1; ANG-1
<b>Gene ID</b>	284
<b>SwissProt ID</b>	Q15389.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 58 kDa; Observed MW: 75 kDa

## Background

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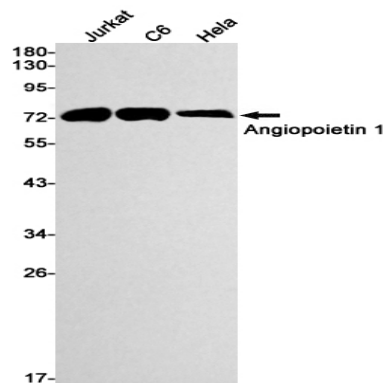
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Binds and activates TEK/TIE2 receptor by inducing its dimerization and tyrosine phosphorylation. Plays an important role in the regulation of angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Required for normal angiogenesis and heart development during embryogenesis. After birth, activates or inhibits angiogenesis, depending on the context.

## Research Area

Cancer

## Image Data



Western blot analysis of Angiopoietin 1 in Jurkat, C6, HeLa lysates using Angiopoietin 1 antibody.

## Note

For research use only.