

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

Summary

Production Name	Angiopoietin 1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat

Performance

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

Immunogen

Gene Name	ANGPT1
Alternative Names	ANGPT1; KIAA0003; Angiopoietin-1; ANG-1
Gene ID	284
SwissProt ID	Q15389

Application

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

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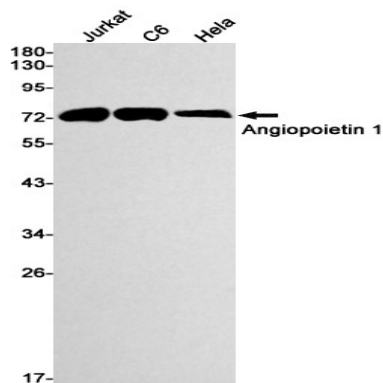
Background

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.