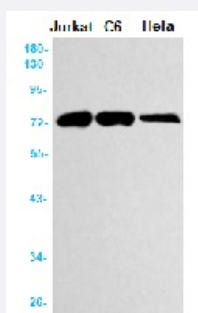


RecomAb™

ANGPT1 recombinant monoclonal antibody, clone R06-1F9

Catalog # RAB01740 Size 100 uL

Applications



Western Blot

Western blot analysis of Angiopoietin 1 in Jurkat, C6, HeLa lysates using human Angiopoietin 1 recombinant monoclonal antibody, clone R06-1F9 (Cat # RAB01740).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Angiopoietin 1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human ANGPT1
Theoretical MW (kDa)	Calculated MW: 58 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Angiopoietin 1 in Jurkat, C6, Hela lysates using human Angiopoietin 1 recombinant monoclonal antibody, clone R06-1F9 (Cat # RAB01740).

Gene Info — ANGPT1

Entrez GeneID[284](#)**Protein Accession#**[Q15389](#)**Gene Name**

ANGPT1

Gene Alias

AGP1, AGPT, ANG1

Gene Description

angiopoietin 1

Omim ID[601667](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. [provided by RefSeq]

Other Designations

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Disease

- [Angina Pectoris](#)
- [Coronary Disease](#)

- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Liver Cirrhosis](#)
- [Myocardial Infarction](#)
- [Stroke](#)