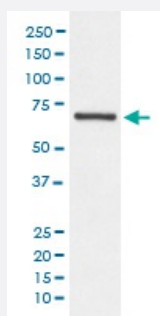


# ANGPT1 monoclonal antibody, clone FGC-1

Catalog # MAB19558      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ANGPT1 monoclonal antibody.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of human ANGPT1.
<b>Immunogen</b>	A synthetic peptide corresponding to human ANGPT1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage Instruction</b>	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of HeLa cell lysate with ANGPT1 monoclonal antibody.

## 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** -

## Disease

- [Angina Pectoris](#)
- [Coronary Disease](#)
- [Drug Toxicity](#)
- [Edema](#)

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