

# Angiopoietin 1 (PT1259R) PT™ Rabbit mAb

CatalogNo: YM9101 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB, IHC, IF, ELISA

### MW

- 58kD (Calculated)
- 58kD (Observed)

### Isotype

- IgG, Kappa

## Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

## Basic Information

**Clonality** Monoclonal

**Clone Number** PT1259R

## Immunogen Information

**Specificity** Endogenous

## Target Information

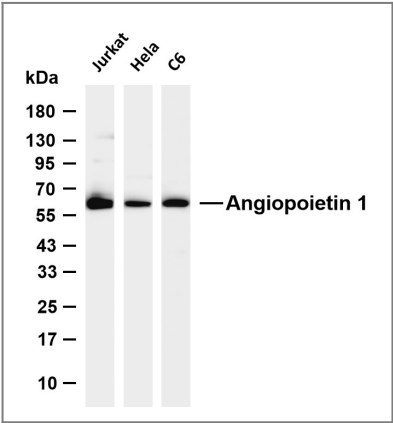
**Gene name** ANGPT1  
**Protein Name** Angiopoietin-1

Organism	Gene ID	UniProt ID
Human	<a href="#">284;</a>	<a href="#">Q15389;</a>
Mouse		<a href="#">O08538;</a>

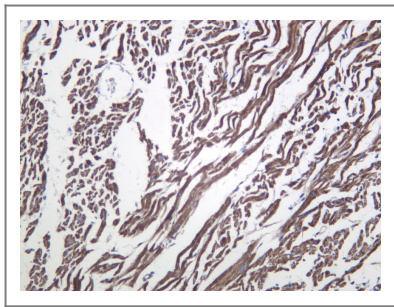
**Cellular Localization** Secreted.

**Function** angiogenesis, ovarian follicle development, blood vessel development, response to hypoxia, vasculature development, reproductive developmental process, protein complex assembly, cell surface receptor linked signal transduction, enzyme linked receptor protein signaling pathway, transmembrane receptor protein tyrosine kinase signaling pathway, sex differentiation, response to nutrient, gonad development, female gonad development, response to endogenous stimulus, response to hormone stimulus, response to extracellular stimulus, response to organic substance, ovulation cycle process, regeneration, organ regeneration, response to nutrient levels, multicellular organism reproduction, response to vitamin, response to vitamin B3, ovulation cycle, response to estrogen stimulus, macromolecular complex subunit organization, development of primary sexual characteristics, regulation of anti-apoptosis, positive regulation of anti-apoptosis, development of primary female sexual characteristics, female sex differentiation, rhythmic process, blood vessel morphogenesis, response to steroid hormone stimulus, reproductive structure development, reproductive process in a multicellular organism, protein oligomerization, protein homooligomerization, macromolecular complex assembly, protein complex biogenesis, response to oxygen levels,

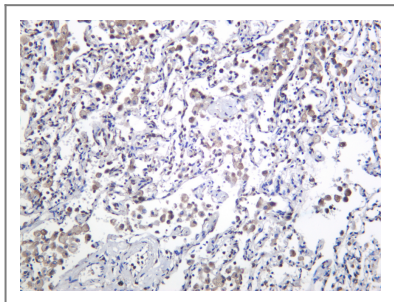
## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Angiopoietin 1 (PT1259R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Jurkat Lane 2: HeLa Lane 3: C6 Predicted band size: 58kDa Observed band size: 58kDa



Human heart was stained with anti-Angiopoietin 1 (PT1259R) Rabbit antibody



Human lung was stained with anti-Angiopoietin 1 (PT1259R) Rabbit antibody

## **Contact information**

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Please scan the QR code  
to access additional  
product information:  
**Angiopoietin 1  
(PT1259R) PT™  
Rabbit mAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

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