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ANGPTL1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant ANGPTL1.
Catalog # AT1137a

Specification

ANGPTL1 Antibody (monoclonal) (M03) - Product Information

Application	**IHC**
Primary Accession	O95841
Other Accession	BC050640
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**56720**

ANGPTL1 Antibody (monoclonal) (M03) - Additional Information

Gene ID 9068

Other Names
Angiopoietin-related protein 1, Angiopoietin-3, ANG-3, Angiopoietin-like protein 1, ANGPTL1, ANG3, ANGPT3, ARP1

Target/Specificity
ANGPTL1 (AAH50640, 24 a.a. ~ 491 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
ANGPTL1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

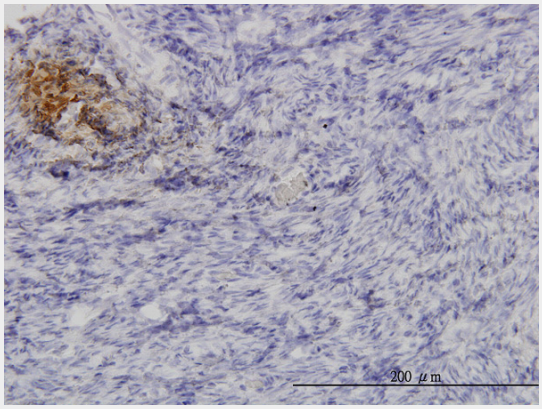
ANGPTL1 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

- Flow Cytomety
- Cell Culture

ANGPTL1 Antibody (monoclonal) (M03) - Images



Immunoperoxidase of monoclonal antibody to ANGPTL1 on formalin-fixed paraffin-embedded human ovary. [antibody concentration 3 ug/ml]

ANGPTL1 Antibody (monoclonal) (M03) - Background

Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro.

ANGPTL1 Antibody (monoclonal) (M03) - References

Metalloproteinases, vascular endothelial growth factor, and angiopoietin 1 and 2 in eutopic and ectopic endometrium. Di Carlo C, et al. Fertil Steril, 2009 Jun. PMID 18644593.Balance between angiopoietin-1 and angiopoietin-2 is in favor of angiopoietin-2 in atherosclerotic plaques with high microvessel density. Post S, et al. J Vasc Res, 2008. PMID 18182823.The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.Signal sequence and keyword trap in silico for selection of full-length human cDNAs encoding secretion or membrane proteins from oligo-capped cDNA libraries. Otsuki T, et al. DNA Res, 2005. PMID 16303743.Angioarrestin: a unique angiopoietin-related protein with anti-angiogenic properties. Dhanabal M, et al. Biochem Biophys Res Commun, 2005 Jul 29. PMID 15950186.