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SPON1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SPON1.
Catalog # AT4027a

Specification

SPON1 Antibody (monoclonal) (M01) - Product Information

Application	**E**
Primary Accession	Q9HCB6
Other Accession	NM_006108
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**90973**

SPON1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 10418

Other Names
Spondin-1, F-spondin, Vascular smooth muscle cell growth-promoting factor, SPON1, KIAA0762, VSGP

Target/Specificity
SPON1 (NP_006099, 699 a.a. ~ 806 a.a) partial 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
SPON1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

SPON1 Antibody (monoclonal) (M01) - 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

SPON1 Antibody (monoclonal) (M01) - Images

SPON1 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.F-spondin, a neuroregulatory protein, is up-regulated in osteoarthritis and regulates cartilage metabolism via TGF-beta activation. Attur MG, et al. FASEB J, 2009 Jan. PMID 18780763.The crystal structure of the heparin-binding reelin-N domain of f-spondin. Tan K, et al. J Mol Biol, 2008 Sep 19. PMID 18602404.Effect of F-spondin on cementoblastic differentiation of human periodontal ligament cells. Kitagawa M, et al. Biochem Biophys Res Commun, 2006 Oct 27. PMID 16965763.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.