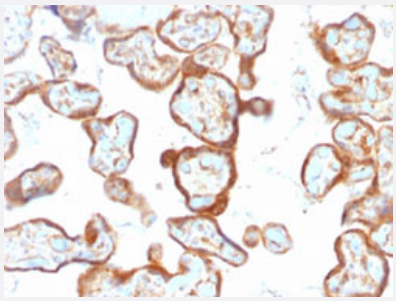
TYMP monoclonal antibody, clone SPM322

Catalog # MAB14764 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with TYMP monoclonal antibody, clone SPM322 (Cat # MAB14764).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human TYMP.
Immunogen	Recombinant protein corresponding to full length human TYMP.
Host	Mouse
Theoretical MW (kDa)	55
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Immunoprecipitation (0.5-1 ug/500 ug protein lysate) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with TYMP monoclonal antibody, clone SPM322 (Cat # MAB14764).

- Immunoprecipitation

- Western Blot

Gene Info — TYMP

Entrez GeneID	1890
Protein Accession#	P19971
Gene Name	TYMP
Gene Alias	ECGF1, MNGIE, PDECGF, TP, hPD-ECGF
Gene Description	thymidine phosphorylase
Omim ID	131222 603041
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an angiogenic factor which promotes angiogenesis in vivo and stimulates the in vitro growth of a variety of endothelial cells. It has a highly restricted target cell specificity acting only on endothelial cells. Mutations in this gene have been associated with mitochondrial neuroga strointestinal encephalomyopathy. Multiple alternatively spliced variants, encoding the same prote in, have been identified. [provided by RefSeq
Other Designations	OTTHUMP00000196768|OTTHUMP00000196769|endothelial cell growth factor 1 (platelet-deriv ed)|gliostatin

Publication Reference

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- Expression of the angiogenic factor thymidine phosphorylase/platelet-derived endothelial cell growth factor in primary bladder cancers.

  O'Brien TS, Fox SB, Dickinson AJ, Turley H, Westwood M, Moghaddam A, Gatter KC, Bicknell R, Harris AL.

  Cancer Research 1996 Oct; 56(20):4799.

- The angiogenic factor platelet-derived endothelial cell growth factor/thymidine phosphorylase is up-regulated in breast cancer epithelium and endothelium.

  Fox SB, Westwood M, Moghaddam A, Comley M, Turley H, Whitehouse RM, Bicknell R, Gatter KC, Harris AL.

  British Journal of Cancer 1996 Feb; 73(3):275.

- Platelet-derived endothelial cell growth factor/thymidine phosphorylase expression in normal tissues: an immunohistochemical study.

  Fox SB, Moghaddam A, Westwood M, Turley H, Bicknell R, Gatter KC, Harris AL.

  The Journal of Pathology 1995 Jun; 176(2):183.

Pathway

- Bladder cancer
- Drug metabolism - other enzymes
- Metabolic pathways
- Pyrimidine metabolism

Disease

- Amyotrophic lateral sclerosis
- Anoxia
- Cardiovascular Diseases
- Chronic Disease
- Deafness
- Diabetes Complications
- Diabetes Mellitus
- Edema

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- Genetic Predisposition to Disease
- Intestinal Pseudo-Obstruction
- Mitochondrial Diseases
- Mitochondrial Encephalomyopathies
- Pancreatitis
- Recurrence
- Syndrome

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