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Datasheet

TYMP monoclonal antibody, clone SPM322

Catalog Number: MAB14764

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against full length recombinant human TYMP.

Clone Name: SPM322

Immunogen: Recombinant protein corresponding to full length human TYMP.

Host: Mouse

Theoretical MW (kDa): 55

Reactivity: Human

Applications: IHC-P, IP, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

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.

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

Entrez GeneID: 1890

Gene Symbol: TYMP

Gene Alias: ECGF1, MNGIE, PDECGF, TP, hPD-ECGF

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 neurogastrointestinal encephalomyopathy. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

References:

1. 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 Res. 1996 Oct 15;56(20):4799-804.
2. 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. Br J Cancer. 1996 Feb;73(3):275-80.
3. 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. J Pathol. 1995 Jun;176(2):183-90.