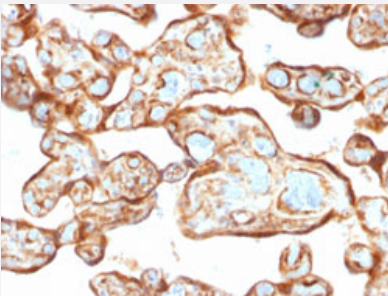


# TYMP monoclonal antibody, clone P-GF.44C

Catalog # MAB14763      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 P-GF.44C (Cat # MAB14763).

## Specification

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

**Storage Instruction**

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

## Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human placenta with TYMP monoclonal antibody, clone P-GF.44C (Cat # MAB14763).

- Immunoprecipitation

## 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

- [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.

Application: IHC-P, WB-Ti, Human, Bladder cancer

- [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.

Application: IHC-P, Human, Breast cancer

- [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.

Application: IHC, WB-Ce, Human, MCF-7 cells, Skin, Bladder, Thymus, Spleen, Tonsil, Lymph node, Thyroid, Adrenal, Pancreas, Salivary gland, Liver, Kidney, Heart, Oesophagus, Colon, Lung, Ovary, Testis, Uterus, Placenta, Umbilical co

## 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](#)
- [Genetic Predisposition to Disease](#)
- [Intestinal Pseudo-Obstruction](#)
- [Mitochondrial Diseases](#)
- [Mitochondrial Encephalomyopathies](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)