

thymidine phosphorylase Polyclonal Antibody

Catalog: BS65869

Host: Rabbit

Reactivity: Human,

BackGround:

In the presence of inorganic orthophosphate, the platelet-derived endothelial growth factor (PD-ECGF) thymidine phosphorylase (TP) (gliostatin) catalyses the reversible phospholytic cleavage of thymidine and deoxyuridine to their corresponding bases and 2-deoxyribose-1-phosphate. It is both chemotactic and mitogenic for endothelial cells and a non-heparin binding angiogenic factor present in platelets. It is also involved in transformation of fluoropyrimidines, cytotoxic agents used in the treatment of a variety of malignancies, into active cytotoxic metabolites.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~50kDa

Swiss-Prot:

P19971

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

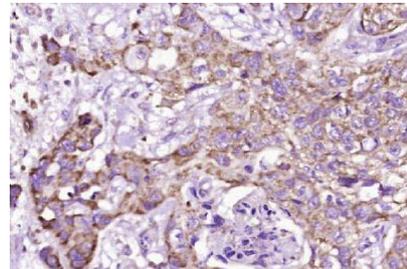
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -42 °C long term. Avoid freeze-thaw cycles.

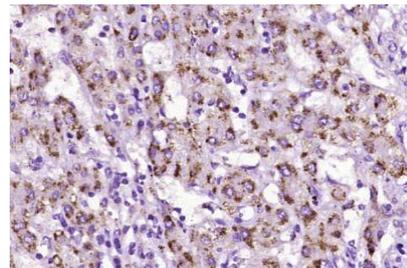
Specificity:

thymidine phosphorylase Polyclonal Antibody detects endogenous levels of thymidine phosphorylase protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (TYPH) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (TYPH) Polyclonal Antibody, Unconjugated at 1:400 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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