

Datasheet for ABIN704441

anti-Thymidine Phosphorylase antibody (AA 121-220)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Thymidine Phosphorylase (TYMP)
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thymidine Phosphorylase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thymidine Phosphorylase
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Thymidine Phosphorylase (TYMP)
Alternative Name:	TP/thymidine phosphorylase (TYMP Products)

Target Details

Background:	<p>Synonyms: ECGF 1, PDEGF, ECGF1, Endothelial cell growth factor 1, Endothelial cell growth factor 1 platelet derived, Gliostatin, hPD ECGF, MNGIE, PD ECGF, PDECGF, PDEGF, Platelet derived endothelial growth factor, TdRPase, TP, TYMP, Thymidine Phosphorylase, TYPH_HUMAN, TdRPase.</p> <p>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.</p>
Gene ID:	1890
Pathways:	Signaling Events mediated by VEGFR1 and VEGFR2

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months