

Monoclonal Antibody to Thymidine Phosphorylase / PD-ECGF

Catalog No.:	DM3212
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), SM20P (for use in rat samples), AM03095PU-N
Clone:	P-GF.44C
Immunogen:	Recombinant full length human thymidine phosphorylase (TP/PD-ECGF) protein
Applications:	Neutralizes Enzymatic Activity of thymidine phosphorylase(TP)/ platelet-derived endothelial growth factor(PDECGF) (not verified at our lab). Western Blotting (not verified at our lab). Immunohistology (Formalin/paraffin)(1-2 micrograms/ml)(Dilute ab. 1:100). No special pretreatment is required for immunohistochemical staining of formalin-fixed tissues. Recommended positive control: HUVEC Cells, Breast Carcinoma. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Platelet-derived endothelial growth factor (PD-ECGF), same as thymidine phosphorylase (TP) or gliostatin. In the presence of inorganic orthophosphate, it catalyses the reversible phospholytic cleavage of thymidine and deoxyuridine to their corresponding bases and 2-proxyribose-1-phosphate. Reacts with Human, Mouse, and Rat. Others not tested. Cellular Localization Cytoplasmic, Nuclear. Mol. Wt. of Antigen: 55kD (reduced)
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	<ol style="list-style-type: none">1. Fox SB, et. al. J Path, 1995, 176:183-90.2. O'Brien TS, et. al. Cancer Res, 1996, 56:4799-804.3. Fox SB, et. al. Bri J Cancer, 1996, 73:275-80.4. Giatromanolaki A, et. al. J Path, 1997, 181(2):196-9.5. Koukourakis MI, et. al. Bri J Cancer, 1997, 75(4):477-81.6. Dada MA, et. al. J Clin Path, 1996, 49(5):400-2.7. Moghddam A, et al.(1995)Proc Natl Acad Sci USA 92:998-1002.8. Fox S B, et al. 91997) Annals of On