

Monoclonal Mouse Antibody to Human Thymidine Phosphorylase/Platelet-Derived Endothelial Cell Growth Factor

Catalog No.:	Mob 292, Mob 292-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with a recombinant full length human thymidine phosphorylase (TP/PD-ECGF) protein.
Clone:	P-GF.44C
Isotype:	IgG1
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:75 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
Specificity:	This antibody is specific to a 55 kD protein known as platelet-derived endothelial growth factor (PD-ECGF), similar to thymidine phosphorylase (TP). High levels of TP/PD-ECGF are observed in cancer patients. High intra-cellular levels of TP/PD-ECGF are associated with increased chemo sensitivity to such antimetabolites.
Positive Control:	Breast carcinoma
Cellular Localization:	Cytoplasmic, Nuclear
Storage:	Store at 2-8°C. Do not use it beyond the expiration date stated on the label.
Reference:	i) Dada et al. J Clin Pathol 49: 400, 1996. ii) Fox et al British J Cancer 73:275, 1996. iii) Giatromanolaki et al. J Pathol 181: 196, 1997. iv) O'Brien et al. Cancer Res 56:4799, 1996.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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