



BMA BIOMEDICALS



Peninsula Laboratories

T-4878

Rabbit anti-P18 Peptide, Pigment Epithelial-Derived Factor (40-57)

P18 Peptide is a fragment of pigment epithelial-derived factor (PEDF), an endogenous angiogenesis inhibitor. The glycoprotein PEDF belongs to a family of non-inhibitory serpins. The P18 Peptide is known to be an angio-inhibitory epitope of PEDF 34-mer (18-mer residues 40–57) that has been proposed to be a bioactive anti-angiogenic fragment. Studies showed that P18 Peptide exerted activity similar to that of full-length PEDF in prostate and renal carcinoma.

This antibody was generated by immunization of rabbits with P18 Peptide (40-57) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A17309
Host species:	Rabbit IgG
Quantity:	5ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 5ml of ELISA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against P18 Peptide (40-57). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Lys-Trp-Lys-Leu-Phe-Lys-Lys-Ile-Pro-Lys-Phe-Leu-His-Leu-Ala-Lys-Phe-Phe-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
P18 Peptide, Pigment Epithelial-Derived Factor PEDF (40-57)	100

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

T-4878 lyophilized antiserum for ELISA 23.09.2021