



BMA BIOMEDICALS



Peninsula Laboratories

T-5009

Guinea Pig anti β -Endorphin (human) [UniProt: P01189]

β -Endorphin is a 31 amino acid endogenous opioid neuropeptide that is produced in certain neurons within the central nervous system and peripheral nervous system. It is known to be one of the three endorphins that are produced in humans, together with α -Endorphin and γ -Endorphin, and it is primarily utilized in the body to reduce stress and maintain homeostasis. β -Endorphin arises from the cleavage of Pro-opiomelanocortin (POMC), residues 237-267.

This antibody was generated by immunization of guinea pigs with β -Endorphin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A09266
Host species:	Guinea pig IgG
Quantity:	50 μ l
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 μ l distilled water. This will give the equivalent of undiluted antiserum.
Stability:	Original vial: at least one year at 4 $^{\circ}$ - 8 $^{\circ}$ C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 $^{\circ}$ C or below.
Applications:	This antibody has been tested and validated in ELISA against Vasoactive intestinal peptide. 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-Tyr-Gly-Gly-Phe-Met-Thr-Ser-Glu-Lys-Ser-Gln-Thr-Pro-Leu-Val-Thr-Leu-Phe-Lys-Asn-Ala-Ile-Ile-Lys-Asn-Ala-Tyr-Lys-Lys-Gly-Glu-OH coupled to carrier protein.
Related Products:	S-1134: ELISA, high sensitivity for extracted samples (hu). S-1240: ELISA, extraction-free for human serum and plasma samples. S-1352: ELISA, extraction-free for rat serum and plasma samples T-4040: purified IgG, host: rabbit T-4041: neat antiserum, host: rabbit

This product contains no 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-5009

neat antiserum - hu, ms, rt

21.7.2020