BMA BIOMEDICALS

Peninsula Laboratories

Guinea Pig anti β-Endorphin

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

Catalog Number:	T-5009 (Lot A09266)
Clonality:	Polyclonal
Host species:	Guinea pig
Reactivity:	Human
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized. Reconstitute by adding 50µl of distilled water. This will give the equivalent of undiluted antiserum. Avoid vortexing.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
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.
Protein database:	human-P01189
Applications:	Tested in immunohistochemistry (IHC). Other applications like ELISA, FACS, and 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

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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: Rabbit β-Endorphin, anti purified IgG
T-4041: Rabbit β-Endorphin, anti neat antiserum

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.

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