



BMA BIOMEDICALS



Peninsula Laboratories

T-4422

Rabbit anti Leumorphin

Leumorphin, also known as dynorphin B1–29, is a 29 amino acid opioid peptide derived from a proteolytic cleavage product of residues 226-254 of prodynorphin. It can be further reduced to dynorphin B (dynorphin B-13) and dynorphin B-14 by pitrilysin metalloproteinase 1 (formerly referred to as "dynorphin-converting enzyme"), an enzyme of the endopeptidase family. Leumorphin behaves as a potent and selective κ -opioid receptor agonist, similarly to other endogenous opioid peptide derivatives of prodynorphin.

This antibody was generated by immunization of rabbits with Leumorphin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	971216
Host species:	Rabbit 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° - 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 Leumorphin. 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-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val-Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Ser-Gly-Glu-Leu-Phe-Asp-Ala-OH coupled to carrier protein.

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.

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neat serum

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