



BMA BIOMEDICALS



Peninsula Laboratories

T-4311

Rabbit anti Motilin (canine) [UniProt: P19863]

Motilin is a 22-amino acid polypeptide hormone secreted by endocrine Mo cells in the small intestine, especially duodenum and jejunum. It is known for its ability to stimulate gastric activity; in fact, Motilin is released into the general circulation in humans during the inter-digestive state and is the most important factor in controlling the inter-digestive migrating contractions.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

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|----------------------|--|
| Lot number: | 022668 |
| Host species: | Rabbit IgG |
| Quantity: | 400µg |
| Format: | Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. |
| 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 Motilin. 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-Phe-Val-Pro-Ile-Phe-Thr-Tyr-Gly-Glu-Leu-Gln-Arg-Met-Gln-Glu-Lys-Glu-Arg-Asn-Lys-Gly-Gln-NH ₂ coupled to a carrier protein. |

Cross-Reactivity:

| PEPTIDE: | %: |
|-----------------------------------|-----------|
| Motilin (canine) | 100 |
| Motilin (human, porcine) | 100 |
| Secretin (porcine) | 0 |
| VIP (human, bovine, porcine, rat) | 0 |
| Gastrin I (human) | 0 |
| Substance P | 0 |
| LHRH | 0 |

Related Products: T-4309: anti Motilin (canine) neat antiserum
 T-4310: anti Motilin (canine) diluted antiserum

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.

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rabbit IgG

1.3.2021