



BMA BIOMEDICALS



Peninsula Laboratories

T-4310

Rabbit anti Motilin (canine, human, porcine) [UniProt: P19863, P12872, P01307]

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

| | |
|----------------------|---|
| Lot number: | A15541 |
| Host species: | Rabbit IgG |
| Quantity: | 50ml |
| Format: | This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA 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 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 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 |
| LH-RH | 0 |

Related Products: T-4309: anti Motilin (canine) neat antiserum
 T-4311: anti Motilin (canine) purified IgG

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-4310

diluted antiserum

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