



BMA BIOMEDICALS



Peninsula Laboratories

T-4864

Rabbit anti CRAMP (1-39) (mouse) [UniProt: P51437]

CRAMP (Cathelin-Related Anti-Microbial Peptide) is the mouse analogue of human LL-37 peptide, which is the antibacterial C-terminus of hCAP-18 (human cathelicidin). It is a polypeptide that is primarily stored in the lysosomes of macrophages and polymorphonuclear leukocytes (PMNs). CRAMP forms an amphipathic α -helix similar to other antimicrobial peptides. Abundant expression of CRAMP is found in myeloid precursors and neutrophils. CRAMP serves a critical role in mammalian innate immune defense against invasive bacterial infection.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A07190
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 $^{\circ}$ - 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 CRAMP. 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-Ile-Ser-Arg-Leu-Ala-Gly-Leu-Leu-Arg-Arg-Gly-Gly-Glu-Lys-Ile-Gly-Glu-Lys-Ile-Gly-Glu-Lys-Leu-Lys-Lys-Gly-Gln-Lys-Ile-Lys-Asn-Phe-Phe-Gln-Lys-Leu-Val-Pro-Gln-Phe-Glu-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

1.3.2021