BMA BIOMEDICALS

Peninsula Laboratories

Rabbit anti CRAMP (1-39)

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 like other antimicrobial peptides. Abundant expressions 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

Catalog Number:	T-4864 (Lot A07190)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Mouse
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
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-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.
Protein database:	n/a

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Applications:

Tested in immunohistochemistry (IHC) and ELISA against CRAMP. Other applications like FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:
Frozen sections: not tested yet.
Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

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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