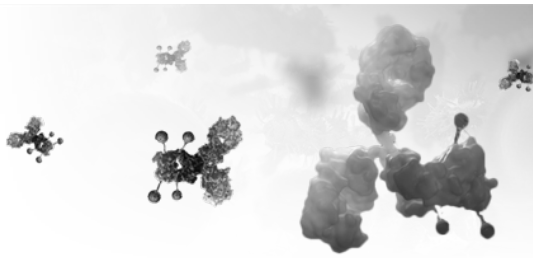

Anti-Human Neutrophil CAP-18 (aa115-121) monoclonal antibody, clone I8 (CABT-B233)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human hCAP-18 in pro domain
Target	Human Neutrophil CAP-18
Immunogen	Partially purified human neutrophil membrane proteins (heparin Ultrogel/lectin affinity purification fractions in octyl glucoside)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	I8
Purification	Protein G affinity purified
Conjugate	Unconjugated
Applications	WB, IF, FACS
Epitope	aa115-121 (NQARGSF)
Molecular Weight	16 kDa
Size	100 µg
Buffer	0.1M Sodium Phosphate, pH 7.4, 0.15M NaCl, 0.05% (w/v) Sodium Azide
Preservative	0.05% Sodium Azide

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Storage	-20°C
Ship	Cold packs

BACKGROUND

Introduction	Cathelicidin-related antimicrobial peptides, are a family of polypeptides found in lysosomes of macrophages and polymorphoncuclear leukocytes (PMNs). Cathelicidins serve a critical role in mammalian innate immune defense against invasive bacterial infection. Specifically, human cathelicidin antimicrobial protein 18 (hCAP-18) is secreted from granules by activated neutrophils, to assist in wound healing, tissue repair and humoral immune responses. Cathelicidin antimicrobial peptides qualify as prototypes of innovative drugs that may be used to treat infection and/or regulate the immune response.
Keywords	hCAP-18;human cathelicidin antimicrobial protein 18;Human Antibacterial Cathelicidin;human cathelicidin hCAP18;LL-37

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