

Defensin alpha 4 Antibody FITC Conjugated

Catalog No: #C04326F

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Description

Product Name	Defensin alpha 4 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human Defensin alpha 4
Conjugates	FITC
Target Name	Defensin alpha 4
Other Names	Neutrophil defensin 4; Defensin, alpha 4; HNP-4; HP-4; defensin, alpha 4, corticostatin; neutrophil defensin 4 precursor; neutrophil defensin 4 preproprotein.
Accession No.	NCBI Gene ID1669
Uniprot	P12838
GeneID	1669;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes are clustered on chromosome 8. This gene differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. The protein encoded by this gene, defensin, alpha 4, is found in the neutrophils; it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production. [provided by RefSeq].

Note: This product is for in vitro research use only