Datasheet for ABIN481654

anti-Defensin antibody

3 Images

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Overview

Quantity:	100 µg
Target:	Defensin (DEF)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Defensin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Native defensins
Clone:	Def-3
Specificity:	Several defensins are recognized, the epitope has not been further characterized. Biological functions: Various functions have been described for defensins. They are antibacterial, antifungal, chemotactic for monocytes, inhibitory for ACTH-induced corticosteroid synthesis and cytotoxic for cells. Defensins are inhibited by glucosaminoglycans (self protection for cells) and high concentrations of Calpha 2+ ions. Biochemistry: Defensins are a group of cyclic peptides containing 29-35 amino acids (MW < 3500) which tend to form aggregates. The molecules are protease resistant. The defensin content of azurophilic granules in neutrophils is approximately 30 % of the total protein. Specificity: Human: Defensin 1-3 (HNP-1 to HNP-3) in human neutrophils. Synthetic defensin-1 and -2 (Bachem, Bubendorf CH) stain also positively. Not tested with Defensin-4. A side reaction to elastin has been observed in humans. Other: not tested. Defensins have been described in rabbits (NP-1 to NP-5, NP3a = Corticostatin), and in

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Product Details

	mice (cryptodin).
Purification:	Affinity purified

Target Details

Target:	Defensin (DEF)
Alternative Name:	DEF / Defensin (DEF Products)
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Approved: IHC, IHC-P (1:1000)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	0.5 mL distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS pH 7.2, 5 mg/mL BSA, 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 4°C.

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Images

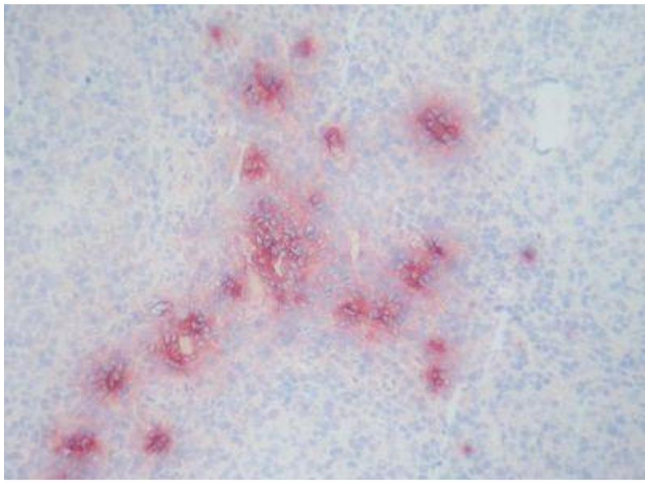

Image 1.

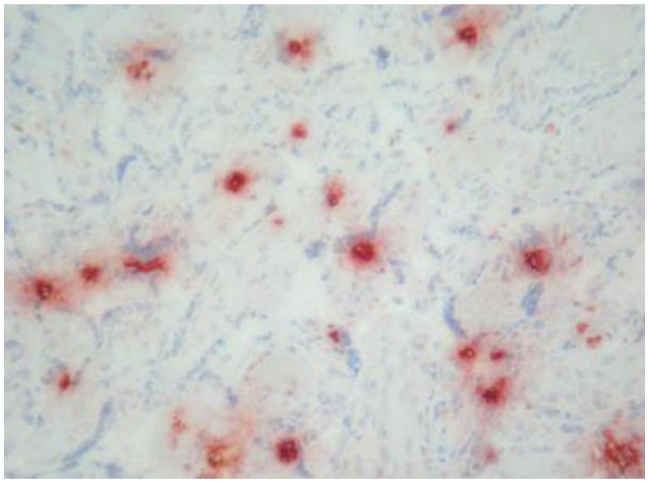

Image 2.

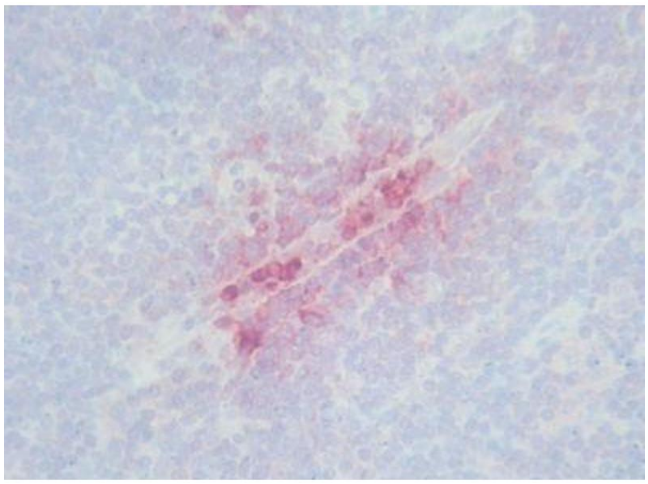

Image 3.

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