bs-4307R

[Primary Antibody]

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Defensin beta 2 Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 100289462 **SWISS:** O15263

Target: Defensin beta 2

Immunogen: KLH conjugated synthetic peptide derived from human Defensin

beta 4: 24-64/64.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Defensins form a family of microbicidal and cytotoxic peptides

made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an

antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq, Jul 2008]

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000)

Reactivity: Human

Predicted MW.: 4 kDa

Subcellular Location: Secreted

- SELECTED CITATIONS -

- [IF=5.3] Gao Yueming. et al. Electrospun polyacrylonitrile film modified with Ag triangle nanoplates as flexible SERS substrates for HBD-2 detection. MICROCHIM ACTA. 2025 Jul;192(7):1-14;. 40526192
- [IF=4.494] Nur Atalay. et al. Serum, saliva, and gingival tissue human β-defensin levels in relation to retinoic acid use. J PERIODONTOL. 2022 Nov;: IHC; Human. 36440958
- [IF=2.38] Al Samadi, Ahmed, et al. "Increased beta 2 defensin in recurrent aphthous ulcer." Oral Diseases (2014). IHC ;Human. 24854020
- [IF=0] Shi et al. Overexpression of human β-defensin 2 promotes growth and invasion during esophageal carcinogenesis. (2014) Oncotarget. 5:11333-44 IHC; Rat. 25226614