

Anti-beta Defensin 1/DEFB1 Antibody

Catalog Number: PA1450

About DEFB1

DEFB1, Beta-defensin 1, is a protein that in humans is encoded by the DEFB1 gene. DEFB1 belongs to the defensin family. Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. The DEFB1 gene spans more than 7 kb and includes a large 6,962-bp intron. By 2-color fluorescence in situ hybridization on both metaphase chromosomes and released chromatin fiber, the DEFB1 gene is mapped to 8p23.2-p23.1, within 100 to 150 kb of the gene for human neutrophil defensin-alpha-1. DEFB1 may augment neonatal host defenses through antimicrobial effects or prime the adaptive immune system at mucosal surfaces.

Overview

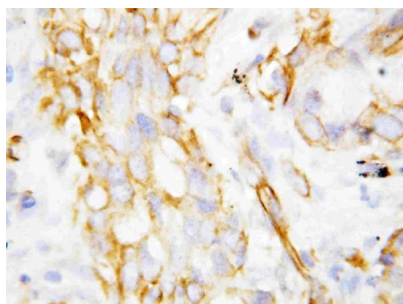
Product Name	Anti-beta Defensin 1/DEFB1 Antibody
Reactive Species	Human
Description	Rabbit IgG polyclonal antibody for Beta-defensin 1 (DEFB1) detection. Tested with WB, IHC-P in Human.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P60022

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human beta Defensin 1 (52-68aa FTKIQGTCYRGKAKCCK).
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Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, By Heat Western blot, 0.1-0.5 μ g/ml, Human For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/

Anti-beta Defensin 1/DEFB1 Antibody (PA1450) Images



Anti-beta Defensin 1 antibody, PA1450, IHC(P)
IHC(P): Lung Cancer Tissue

Anti-beta Defensin 1 antibody, PA1450, Western blotting
All lanes: Anti Defensin 1 (PA1450) at 0.5ug/ml
WB : COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 7KD
Observed bind size: 7KD



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