

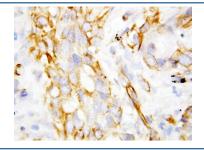
# Beta Defensin 1 Antibody / DEFB1 (R30522)

Catalog No.	Formulation	Size
R30522	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P60022
Localization	Secreted
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This beta Defensin 1 antibody is available for research use only.

кDа 200 —	Western blot testing of Defensin 1 antibody and human COLO320 lysate; Predicted
116 – 97 –	molecular weight ~7 kDa.
66 —	
44	
31 —	
22 –	
14	
6 💳	



IHC-P: beta Defensin 1 antibody testing of lung cancer tissue

#### **Description**

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.

#### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the beta Defensin 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

### **Immunogen**

An amino acid sequence from the C-terminus of human beta Defensin 1 (FTKIQGTCYRGKAKCCK) was used as the immunogen for this beta Defensin 1 antibody.

#### **Storage**

After reconstitution, the beta Defensin 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.