

## Product datasheet for **AP02220PU-S**

### DEFB4B (4-41) Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA (1:5000).
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	Synthetic human $\beta$ -Defensin 2 (aa 4-41)
Specificity:	This antibody detects synthetic $\beta$ -Defensin 2 (aa 4-41).
Formulation:	50 mM TRIS pH 7,4 State: Ig Fraction State: Lyophilized IgG fraction
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Purification:	Protein G chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	defensin beta 4B
Database Link:	<a href="#">Entrez Gene 100289462 Human O15263</a>
Background:	This antibiotic peptide is locally regulated by inflammation. Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. hBD-2 is a antimicrobial peptide, which belongs to the distinct family of beta-defensins.
Synonyms:	Beta-defensin 4A, Beta-defensin 2, BD-2, hBD-2, DEFB102, DEFB2, Skin-antimicrobial peptide 1, DEFB4B, DEFB4A



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