

Product datasheet for **AP02217SU-S**

beta Defensin 1 (DEFB1) (1-5) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic human b-Defensin 1 (aa 1-5) poly Lysin conjugated
Specificity:	This antibody detects synthetic b-Defensin 1 (aa 1-5).
Formulation:	State: Serum State: Lyophilized serum
Reconstitution Method:	Restore in aqua bidest to initial volume.
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 1
Database Link:	Entrez Gene 1672 Human P60022
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 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis. The mature form of Beta defensin 1 is 36 amino acids.
Synonyms:	Beta-defensin 1, BD1, BD-1, HBD1, hBD-1, DEFB1, DEFB101



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