

ARG56632 anti-BD2 / beta Defensin 2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BD2 / beta Defensin 2
Tested Reactivity	Hu
Tested Application	ELISA, Neut, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BD2 / beta Defensin 2
Species	Human
Immunogen	E.coli derived Recombinant Human BD-2. (GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P)
Conjugation	Un-conjugated
Alternate Names	Beta-defensin 4A; Defensin, beta 2; DEFB4P; hBD-2; Beta-defensin 2; Skin-antimicrobial peptide 1; BD-2; SAP1

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56742 as a detection antibody
	Neut	5.0 - 8.0 µg/ml (To yield [ND50] of the biological activity of Human BD - 2 (1.0 µg/ml))
	WB	0.1 - 0.2 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

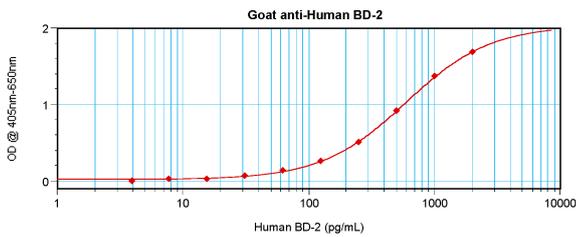
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DEFB4B
Gene Full Name	defensin, beta 4B
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, Oct 2014]
Function	Has antibacterial activity. [UniProt]
Calculated Mw	7 kDa

Images



ARG56632 anti-BD2 / beta Defensin 2 antibody standard curve image

Sandwich ELISA: ARG56632 anti-BD2 / beta Defensin 2 antibody as a capture antibody at 0.5 - 2.0 $\mu\text{g}/\text{ml}$ combined with ARG56742 anti-BD-2 / beta Defensin-2 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.