

Datasheet for ABIN560595

anti-Defensin beta 4 antibody (AA 24-64)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Defensin beta 4 (DEFB4)
Binding Specificity:	AA 24-64
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Defensin beta 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DEFB4.
Immunogen:	DEFB4 (NP_004933, 24 a.a. ~ 64 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P
Clone:	4C4
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Defensin beta 4 (DEFB4)
Alternative Name:	DEFB4 (DEFB4 Products)
Background:	Full Gene Name: defensin, beta 4 Synonyms: DEFB-2,DEFB102,DEFB2,HBD-2,SAP1
Gene ID:	1673
NCBI Accession:	NM_004942

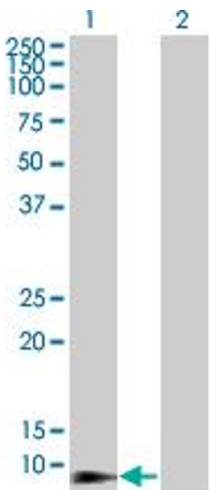
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

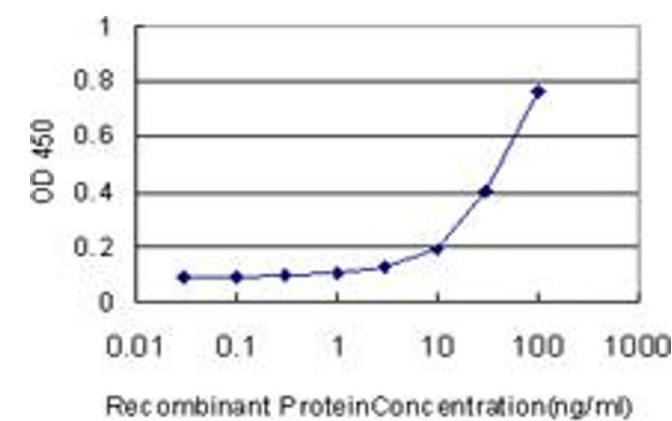


Western Blotting

Image 1. Western Blot analysis of DEFB4 expression in transfected 293T cell line by DEFB4 monoclonal antibody (M01), clone 4C4.

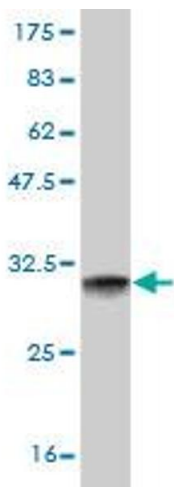
Lane 1: DEFB4 transfected lysate(7.038 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged DEFB4 is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (30.25 kDa) .