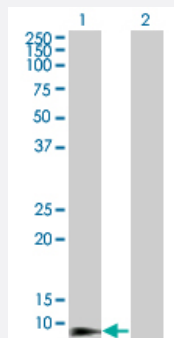


DEFB4 monoclonal antibody (M01), clone 4C4

Catalog # H00001673-M01

Size 100 ug

Applications

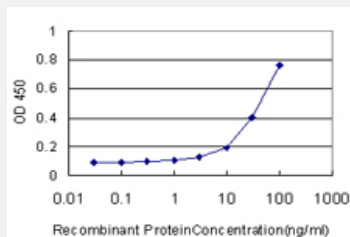


Western Blot (Transfected lysate)

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

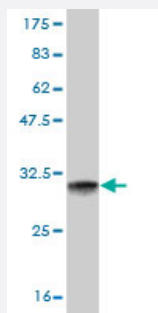
Lane 1: DEFB4 transfected lysate (7.038 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (30.25 KDa) .

Specification

Product Description

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	GIGDPVTCLKSGAICHPVFPCPRRYKQIGTCGLPGTKCCKKP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (30.25 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — DEFB4

Entrez GeneID [1673](#)

GeneBank Accession# [NM_004942](#)

Protein Accession#	NP_004933
Gene Name	DEFB4
Gene Alias	DEFB-2, DEFB102, DEFB2, HBD-2, SAP1
Gene Description	defensin, beta 4
Omim ID	266600 602215
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	defensin, beta 2 skin-antimicrobial peptide 1

Disease

- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Pancreatitis](#)
- [Psoriasis](#)
- [Pulmonary Disease](#)