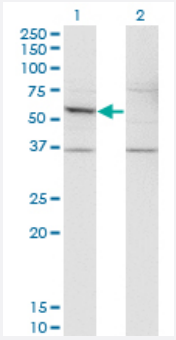
DFNA5 monoclonal antibody (M01), clone 1E10

Catalog # H00001687-M01 Size 100 ug

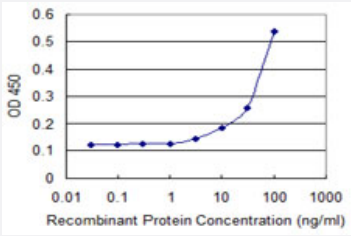
Applications



Western Blot (Transfected lysate)

Western Blot analysis of DFNA5 expression in transfected 293T cell line by DFNA5 monoclonal antibody (M01), clone 1E10.

Lane 1: DFNA5 transfected lysate (Predicted MW: 54.6 KDa).
Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DFNA5 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DFNA5.
Immunogen	DFNA5 (NP_004394.1, 111 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SQSSFGTLRKQEVDLQQLIRDSAERTINLRNPVLQQVLEGRNEVLCVLTQKITTMQKCVISEHMQV EEKCGGIVGIQTKTVQVSATEDGN
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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)

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  Protocol Download

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- ELISA

Gene Info — DFNA5

Entrez GeneID	1687
GeneBank Accession#	NM_004403
Protein Accession#	NP_004394.1
Gene Name	DFNA5
Gene Alias	ICERE-1
Gene Description	deafness, autosomal dominant 5
Omim ID	600994 608798
Gene Ontology	Hyperlink
Gene Summary	Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encod ed by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic he aring impairment is associated with a mutation in this gene. Three transcript variants encoding tw o different isoforms have been found for this gene. [provided by RefSeq

Other Designations	deafness, autosomal dominant 5 protein|inversely correlated with estrogen receptor expression 1| nonsyndromic hearing impairment protein

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Tobacco Use Disorder