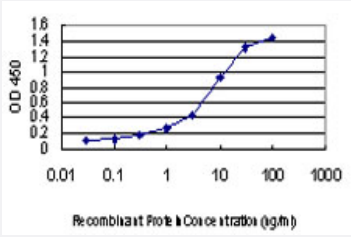
MYO7A monoclonal antibody (M01), clone 1D3

Catalog # H00004647-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYO7A is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MYO7A.
Immunogen	MYO7A (NP_000251, 2118 a.a. ~ 2213 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KQTTEPNFPEILLIAINKYGVSLIDPKTKDILTTHPFTKISNWSSGNTYFHITIGNLVRGSKLLCETSLGYKMDDLLTSYISQMLTAMSKQRGSRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Isotype	IgG1 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

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged MYO7A is approximately 0.1ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — MYO7A

Entrez GeneID	4647
GeneBank Accession#	NM_000260
Protein Accession#	NP_000251
Gene Name	MYO7A
Gene Alias	DFNA11, DFNB2, MYOVIIA, MYU7A, NSRD2, USH1B
Gene Description	myosin VIIA
Omim ID	276900 276903 600060 601317
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the myosin gene family. Myosins are mechanochemical proteins charac terized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventi onal myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 ph enotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestib ular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	deafness, autosomal dominant 11|deafness, autosomal recessive 2|myosin VIIA (Usher syndrom e 1B (autosomal recessive, severe))

Disease

- Abnormalities
- Atherosclerosis

- Calcinosis
- Coronary Artery Disease
- Deafness
- Genetic Predisposition to Disease
- Hearing Disorders
- Hearing Loss
- Malignant melanoma
- Melanoma
- Retinal Diseases
- Skin Neoplasms
- Syndrome
- Usher Syndromes