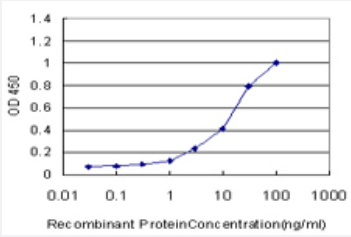
USH1C monoclonal antibody (M04), clone 2B9

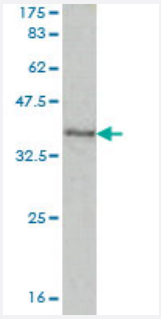
Catalog # H00010083-M04 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USH1C is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant USH1C.
Immunogen	USH1C (AAH16057, 424 a.a. ~ 533 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FTPEQIMGKDVRLLRIKKEGSLDLALEGGVDSPIGKVVVSAVYERGAAERHGGIVKGDEIMAINGKIVTDYTLAEADAALQKAWNQGGDWIDLVVAVCPPKEYDDELTFF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (91)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged USH1C is approximately 0.3ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — USH1C

Entrez GeneID	10083
GeneBank Accession#	BC016057
Protein Accession#	AAH16057
Gene Name	USH1C
Gene Alias	AIE-75, DFNB18, NY-CO-37, NY-CO-38, PDZ-45, PDZ-73, PDZ-73/NY-CO-38, PDZ73, ush1cpst
Gene Description	Usher syndrome 1C (autosomal recessive, severe)
Omim ID	276904 602092 605242
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a scaffold protein that functions in the assembly of Usher protein complexes. The protein contains PDZ domains, a coiled-coil region with a bipartite nuclear localization signal and a PEST degradation sequence. Defects in this gene are the cause of Usher syndrome type 1C and non-syndromic sensorineural deafness autosomal recessive type 18. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	harmonin

Disease

- Abnormalities
- Deafness
- Retinal Diseases
- Syndrome
- Tobacco Use Disorder
- Usher Syndromes