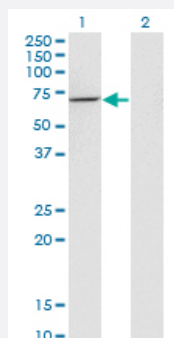


# USH1C monoclonal antibody (M07), clone 2B3

Catalog # H00010083-M07

Size 100 ug

## Applications

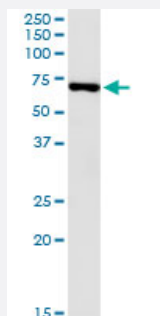


### Western Blot (Transfected lysate)

Western Blot analysis of USH1C expression in transfected 293T cell line by USH1C monoclonal antibody (M07), clone 2B3.

Lane 1: USH1C transfected lysate (Predicted MW: 60.3 kDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of USH1C transfected lysate using anti-USH1C monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with USH1C monoclonal antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant USH1C.
<b>Immunogen</b>	USH1C (AAH16057, 424 a.a. ~ 533 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
<b>Sequence</b>	FTPEQIMGKDVRLRLRIKKEGSLDLAEGGVDSPIGKVVVSAVYERGAAERHGGVMKGDEIMAINGI VTDYTLAEADAALQKAWNQQGDWIDLVVAVCPPKEYDDELTF
<b>Host</b>	Mouse
<b>Reactivity</b>	Human

Interspecies Antigen Sequence	Mouse (91)
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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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of USH1C transfected lysate using anti-USH1C monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with USH1C monoclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — USH1C

Entrez GeneID	<a href="#">10083</a>
GeneBank Accession#	<a href="#">BC016057</a>
Protein Accession#	<a href="#">AAH16057</a>
Gene Name	USH1C
Gene Alias	AIE-75, DFNB18, NY-CO-37, NY-CO-38, PDZ-45, PDZ-73, PDZ-73/NY-CO-38, PDZ73, ush1cps t
Gene Description	Usher syndrome 1C (autosomal recessive, severe)
Omim ID	<a href="#">276904</a> <a href="#">602092</a> <a href="#">605242</a>

## 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](#)