

## Product datasheet for CF812959

### USH1C Mouse Monoclonal Antibody [Clone ID: OTI2E12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2E12
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 294-552 of human USH1C (NP_005700) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62.2 kDa
Gene Name:	Homo sapiens USH1 protein network component harmonin (USH1C), transcript variant 1, mRNA.
Database Link:	<a href="#">NP_005700 Entrez Gene</a> <a href="#">72088 MouseEntrez Gene</a> <a href="#">10083 Human</a>



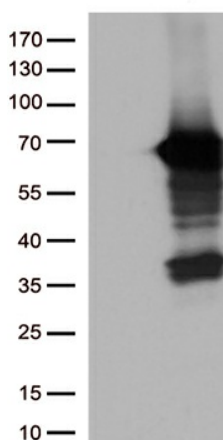
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**Background:**

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, Mar 2009]

**Synonyms:**

AIE-75; DFNB18; DFNB18A; NY-CO-37; NY-CO-38; PDZ-45; PDZ-73; PDZ-73/NY-CO-38; PDZ73; PDZD7C; ush1cpst

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY USH1C ([RC215503], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-USH1C (1:2000).