

## Product datasheet for **TA812959AM**

### USH1C Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2E12]

#### Product data:

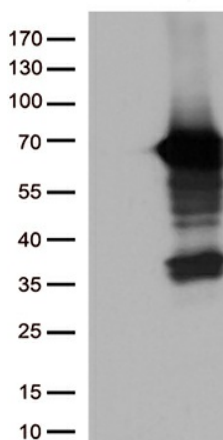
Product Type:	Primary Antibodies
Clone Name:	OTI2E12
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 294-552 of human USH1C (NP_005700) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62.2 kDa
Gene Name:	USH1 protein network component harmonin
Database Link:	<a href="#">NP_005700</a> <a href="#">Entrez Gene 72088 Mouse</a> <a href="#">Entrez Gene 10083 Human</a> <a href="#">Q9Y6N9</a>
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]



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**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 (Cat# [PS100001], Left lane) or pCMV6-ENTRY USH1C (Cat# [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 (Cat# [TA812959])(1:2000).