

## Product datasheet for **TA810658**

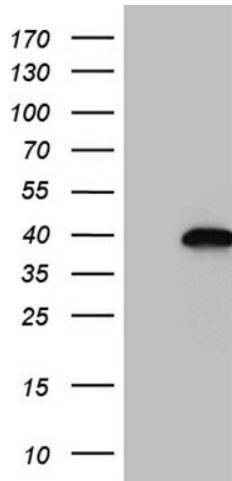
### NEUROD4 Mouse Monoclonal Antibody [Clone ID: OTI1B7]

#### Product data:

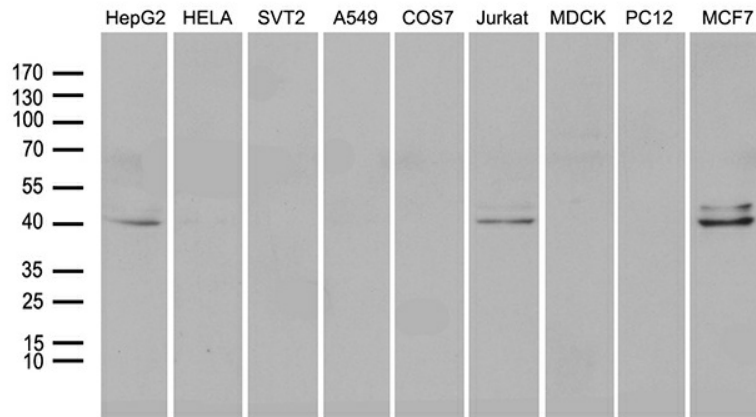
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | OTI1B7  |
| Applications:         | WB  |
| Recommended Dilution: | WB 1:500~2000   |
| Reactivity:           | Human, Mouse, Rat   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Full length human recombinant protein of human NEUROD4 (NP_067014) produced in E.coli.  |
| Formulation:          | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:        | 1 mg/ml   |
| Purification:         | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C as received.   |
| Stability:            | Stable for 12 months from date of receipt.  |
| Gene Name:            | neuronal differentiation 4  |
| Database Link:        | <a href="#">NP_067014</a><br><a href="#">Entrez Gene 11923 Mouse</a> <a href="#">Entrez Gene 288821 Rat</a> <a href="#">Entrez Gene 58158 Human</a><br><a href="#">Q9HD90</a>                   |
| Background:           | Probably acts as a transcriptional activator. Mediates neuronal differentiation. Required for the regulation of amacrine cell fate specification in the retina. [UniProtKB/Swiss-Prot Function] |
| Synonyms:             | ATH-3; ATH3; Atoh3; bHLHa4; MATH-3; MATH3   |
| Protein Families:     | Druggable Genome, Transcription Factors   |



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**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NEUROD4 (Cat# [RC222464], 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-NEUROD4 (Cat# TA810658)(1:2000). Positive lysates [LY412030] (100ug) and [LC412030] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NEUROD4 monoclonal antibody (1:500).