

Product datasheet for **CF810658**

NEUROD4 Mouse Monoclonal Antibody [Clone ID: OTI1B7]

Product data:

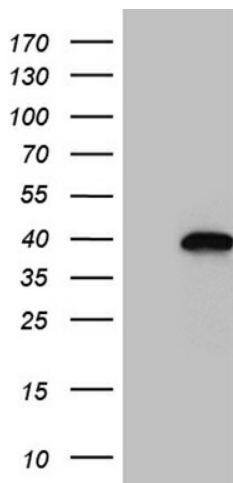
Product Type:	Primary Antibodies
Clone Name:	OTI1B7
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NEUROD4 (NP_067014) produced in E.coli.
Formulation:	Lyophilized 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)
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:	NP_067014 Entrez Gene 11923 Mouse Entrez Gene 288821 Rat Entrez Gene 58158 Human Q9HD90
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



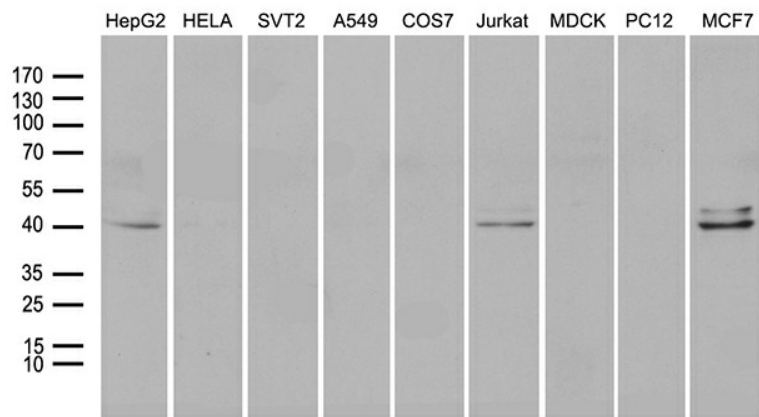
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Protein Families: Druggable Genome, Transcription Factors

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).