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**Product Name: Neurod Mouse Monoclonal Antibody****Catalog #: AMM83029**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	PBS containing 0.03% sodium azide.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:5000-1:20000
<b>Molecular Weight</b>	40kDa

**Antigen Information**

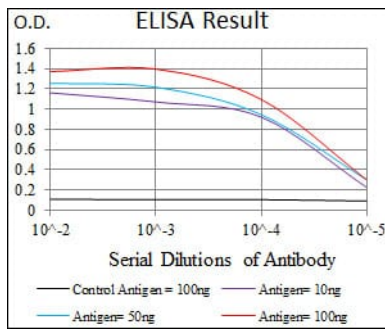
<b>Gene Name</b>	Neurod
<b>Alternative Names</b>	BETA2; BHF-1; MODY6; NEUROD; bHLHa3
<b>Gene ID</b>	4760.0
<b>SwissProt ID</b>	Q13562
<b>Immunogen</b>	Purified recombinant fragment of human Neurod (AA: 26-91 ) expressed in E. Coli.

**Background**

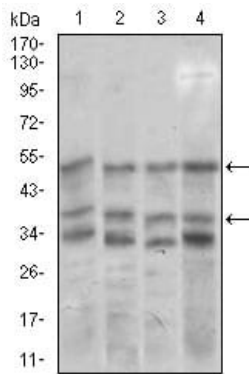
This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus.

## Research Area

## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using NEUROD1 mouse mAb against NIH3T3 (1), SK-N-SH (2), COS7 (3), and MCF-7 (4) cell lysate.