
Product Name: Neurod Mouse Monoclonal Antibody**Catalog #: AMM82344**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	40kDa

Antigen Information

Gene Name	Neurod
Alternative Names	NEUROD1; BETA2; BHF-1; MODY6; bHLHa3
Gene ID	4760.0
SwissProt ID	Q13562
Immunogen	Purified recombinant fragment of human Neurod (AA: 26-91) expressed in E. Coli.

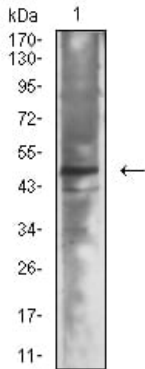
Background

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. [provided by

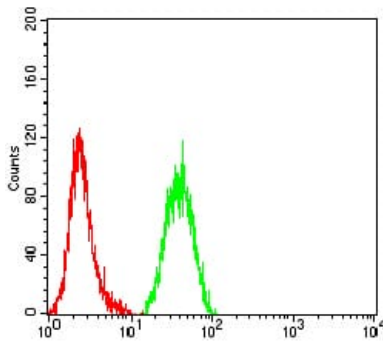
RefSeq, Jul 2008]

Research Area

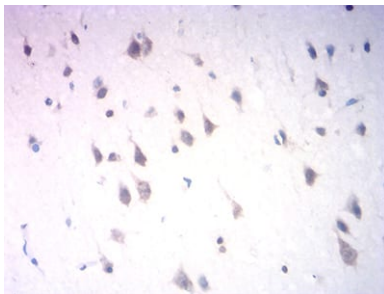
Image Data



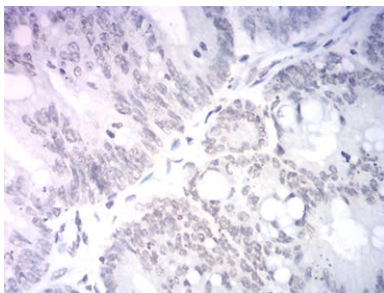
Western blot analysis using Neurod mouse mAb against WERI-Rb-1 cell lysate.



Flow cytometric analysis of HeLa cells using Neurod mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using Neurod mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using Neurod mouse mAb with DAB staining.