

产品名称: Neurod Mouse Monoclonal Antibody  
产品货号: AMM82344



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | Neurod Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody        |
| 宿主 (Host)              | Mouse                            |
| 应用 (Application)       | IHC,ELISA,FC                     |
| 种属反应性 (Reactivity)     | Human                            |

## 产品性能 (Performance)

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                             |
| 修饰 (Modification)   | Unmodified                                                                               |
| 同种型 (Isotype)       | Mouse IgG1                                                                               |
| 克隆 (Clonality)      | Monoclonal                                                                               |
| 形式 (Form)           | Liquid                                                                                   |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| 储存溶液 (Buffer)       | Purified antibody in PBS with 0.05% sodium azide                                         |
| 纯化方式 (Purification) | Affinity Purification                                                                    |

## 免疫原信息 (Immunogen)

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

## 产品应用 (Application)

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| 蛋白分子量 (Molecular Weight) | 40kDa                                                |

## 研究背景 (Background)

This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms

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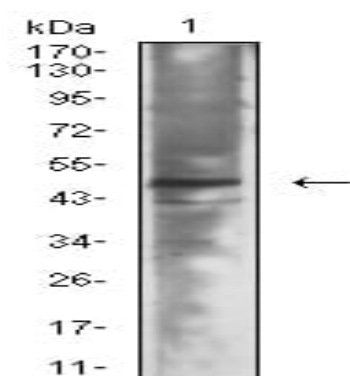


heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus.

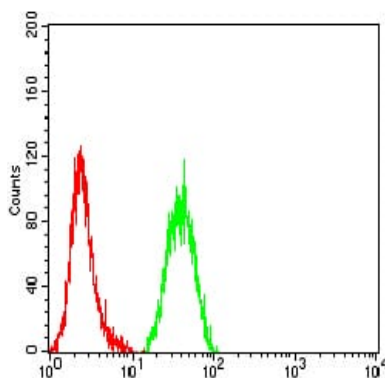
[provided by RefSeq, Jul 2008]

## 研究领域 (Research Area)

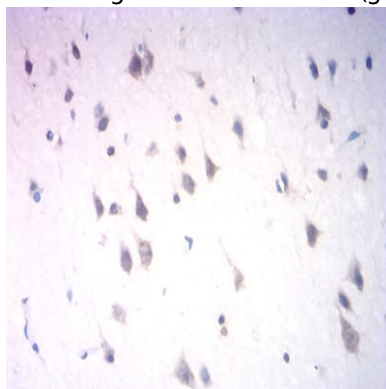
## 图片 (Image Data)



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

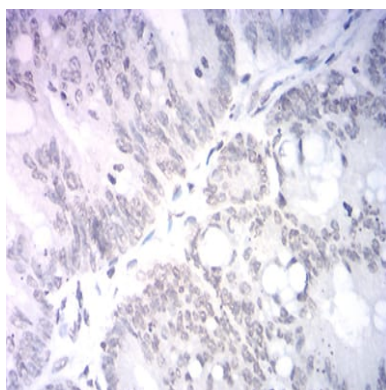


Flow cytometric analysis of Hela cells using Neurod mouse mAb (green) and negative control (red).



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

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

#### **注意事项 (Note)**

For research use only .