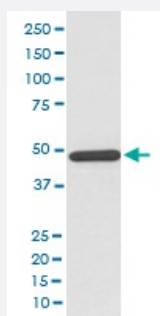


NEUROD1 monoclonal antibody, clone AAFI-14

Catalog # MAB20235 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Y-79 cell lysate with NEUROD1 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NEUROD1.
Immunogen	A synthetic peptide corresponding to human NEUROD1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Y-79 cell lysate with NEUROD1 monoclonal antibody.

- Immunoprecipitation

Gene Info — NEUROD1

Entrez GeneID [4760](#)

Protein Accession# [Q13562](#)

Gene Name NEUROD1

Gene Alias BETA2, BHF-1, NEUROD, bHLHa3

Gene Description neurogenic differentiation 1

Omim ID [125853 601724](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations basic helix-loop-helix transcription factor|beta-cell E-box transactivator 2|neurogenic differentiation factor 1|neurogenic helix-loop-helix protein NEUROD

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Albuminuria](#)

- [Cardiovascular Diseases](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Infant](#)
- [Mental Disorders](#)
- [Obesity](#)