

Neurod Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4233
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human Neurod (AA: 26-91) expressed in E. Coli.
Mol wt	40kDa
Species reactivity	Human,Mouse,Monkey
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	BETA2;BHF-1;MODY6;NEUROD;bHLHa3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

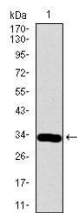
Recommended Dilution

WB: 1:500 - 1:2000

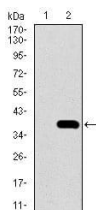
ELISA: 1:10000

Not yet tested in other applications.

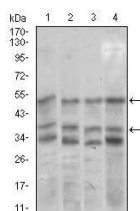
Images



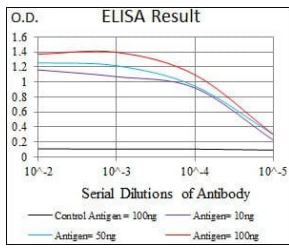
Western blot analysis using NEUROD1 mAb against human NEUROD1 recombinant protein.
(Expected MW is 33.2 kDa)



Western blot analysis using NEUROD1 mAb against HEK293 (1) and NEUROD1 (AA: 26-91)-hIgGFc transfected HEK293 (2) cell lysate.



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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