

Neurod Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3709
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	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	NEUROD1;BETA2;BHF-1;MODY6;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. [provided by RefSeq, Jul 2008]

Recommended Dilution

WB: 1:500 - 1:2000

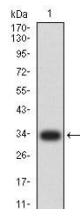
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

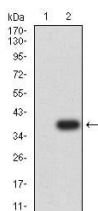
ELISA: 1:10000

Not yet tested in other applications.

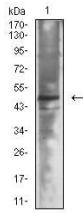
Images



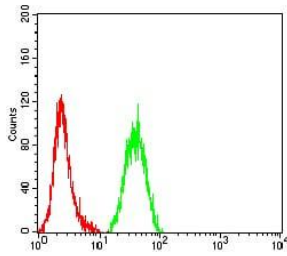
Western blot analysis using Neurod mAb against human Neurod (AA: 26-91) recombinant protein.
(Expected MW is 33.7 kDa)



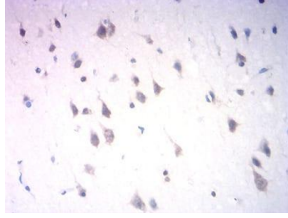
Western blot analysis using Neurod mAb against HEK293 (1) and Neurod (AA: 26-91)-hIgGfc transfected HEK293 (2) cell lysate.



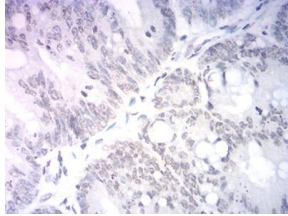
Western blot analysis using Neurod mouse mAb against WERI-Rb-1 cell lysate.



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 rectum cancer tissues using Neurod mouse mAb with DAB staining.

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com