Mouse anti-Human, Mouse NEUROD Monoclonal Antibody | anti-NEUROD antibody

NEUROD Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268546	**Mouse**	**Human, Mouse**	**ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

NEUROD; Monoclonal Antibody; NEUROD Mouse mAb; BETA2; BHF-1; MODY6; bHLHa3; anti-NEUROD antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H2
Purity/Purification	Affinity Purified
Form/Format	In PBS with 0.05% Sodium Azide
Sequence Length	356
Applicable Applications for anti-NEUROD antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Neurod (AA: 26-91) expressed in E. Coli.
Cellular Localization	Cytoplasm, Nucleus
Preparation and Storage	Store at 4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

ADDITIONAL INFORMATION

Related Product Information for anti-NEUROD antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121114306
NCBI GeneID	4760
NCBI Accession #	NP_002491.2
NCBI GenBank Nucleotide #	NP_002491.2
UniProt Accession #	Q13562
Molecular Weight	40kDa
NCBI Official Full Name	neurogenic differentiation factor 1

NCBI Official Synonym Full Names	neuronal differentiation 1
NCBI Official Symbol	NEUROD1
NCBI Official Synonym Symbols	BETA2; BHF-1; MODY6; NEUROD; bHLHa3
NCBI Protein Information	neurogenic differentiation factor 1
UniProt Protein Name	Neurogenic differentiation factor 1
UniProt Gene Name	**NEUROD1**
UniProt Synonym Gene Names	BHLHA3; NEUROD; NeuroD; NeuroD1; bHLHa3
UniProt Entry Name	NDF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/neurod-antibody-clone-3h2-flow-cytometry-immunocytochemistry-immunohistochemistry-western-blot-elisa/268546