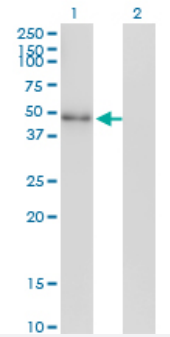
NEUROD2 monoclonal antibody (M01), clone 3E7

Catalog # H00004761-M01 Size 100 ug

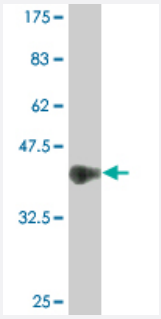
Applications



Western Blot (Transfected lysate)

Western Blot analysis of NEUROD2 expression in transfected 293T cell line by NEUROD2 monoclonal antibody (M01), clone 3E7.

Lane 1: NEUROD2 transfected lysate(41.3 KDa).
Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NEUROD2.
Immunogen	NEUROD2 (NP_006151.2, 266 a.a. ~ 375 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RTHGYCAAYETLYAAAGGGGASPDYNSSEYEGPLSPPLCLNGNFSLKQDSSPDHEKSYHYSMHY SALPGSRPTGHGLVFGSSAVRGGVHSENLLSYDMHLHHDRGPMYEE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Western Blot analysis of NEUROD2 expression in transfected 293T cell line by NEUROD2 monoclonal antibody (M01), clone 3E7.

  Lane 1: NEUROD2 transfected lysate(41.3 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — NEUROD2

Entrez GeneID	4761
GeneBank Accession#	NM_006160
Protein Accession#	NP_006151.2
Gene Name	NEUROD2
Gene Alias	MGC26304, NDRF, bHLHa1
Gene Description	neurogenic differentiation 2
Omim ID	601725
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) pr oteins. Expression of this gene can induce transcription from neuron-specific promoters, such as t he GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in Xenopus embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates. [provided by RefSeq
Other Designations	neuroD-related factor|neurogenic basic-helix-loop-helix protein|neurogenic differentiation factor 2

Disease

- Breast cancer
- Breast Neoplasms
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Mental Disorders