



# Neuro D2 Monoclonal Antibody

<b>Catalog No</b>	BYmab-12756
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	NEUROD2
<b>Protein Name</b>	Neurogenic differentiation factor 2
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human NDF2. AA range:61-110
<b>Specificity</b>	Neuro D2 Monoclonal Antibody detects endogenous levels of Neuro D2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	NEUROD2; BHLHA1; NDRF; Neurogenic differentiation factor 2; NeuroD2; Class A basic helix-loop-helix protein 1; bHLHA1; NeuroD-related factor; NDRF
<b>Observed Band</b>	48kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Brain,
<b>Function</b>	function:Appears to mediate neuronal differentiation.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,
<b>Background</b>	This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the 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, Jul 2008],

**Nanjing BYabscience technology Co.,Ltd**



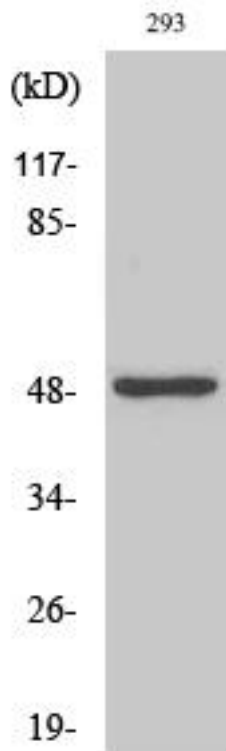
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Neuro D2 Monoclonal Antibody