

Product Datasheet

NeuroD1 Antibody (3H8) - Azide and BSA Free H00004760-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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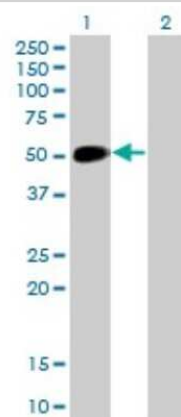
H00004760-M01

NeuroD1 Antibody (3H8) - Azide and BSA Free

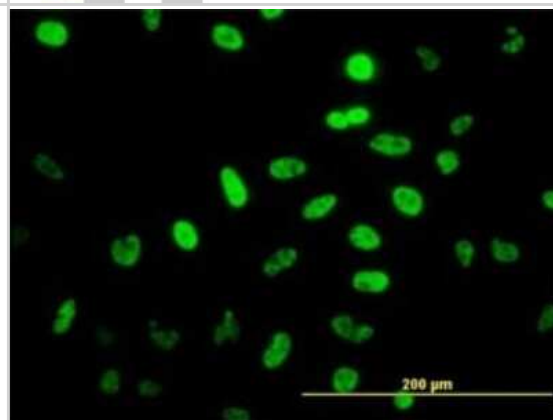
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4760
Gene Symbol	NEUROD1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27320912).
Specificity/Sensitivity	NEUROD1 - neurogenic differentiation 1
Immunogen	NEUROD1 (AAH09046, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QDMPPHLPTASASFPVHPYSYQSPGLPSPPYGTMDSSHVFHVKPPPHAYSAA LEPFFESPLTDCTSPSFDGPLSPPLSINGNFSFKHEPSAEFEKNYAFT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recominant protein, transfected lysate and cell lysate for WB. Use in Immunohistochemistry reported in scientific literature (PMID: 27320912).

Images

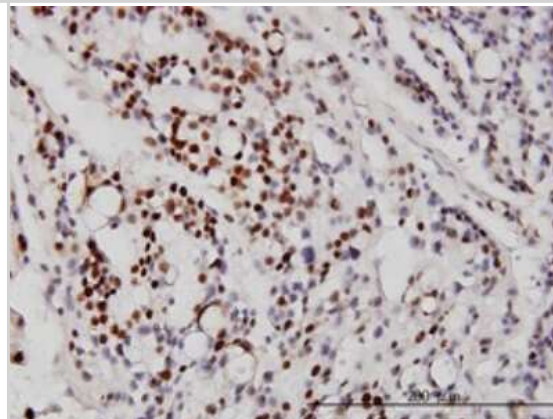
Western Blot: NeuroD1 Antibody (3H8) [H00004760-M01] - Analysis of NEUROD1 expression in transfected 293T cell line by NEUROD1 monoclonal antibody (M01), clone 3H8. Lane 1: NEUROD1 transfected lysate (39.9 KDa). Lane 2: Non-transfected lysate.



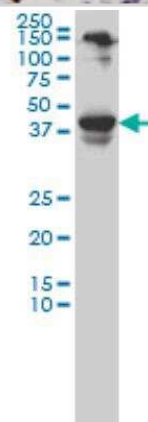
Immunocytochemistry/Immunofluorescence: NeuroD1 Antibody (3H8) [H00004760-M01] - Analysis of monoclonal antibody to NEUROD1 on HeLa cell. Antibody concentration 10 ug/ml.



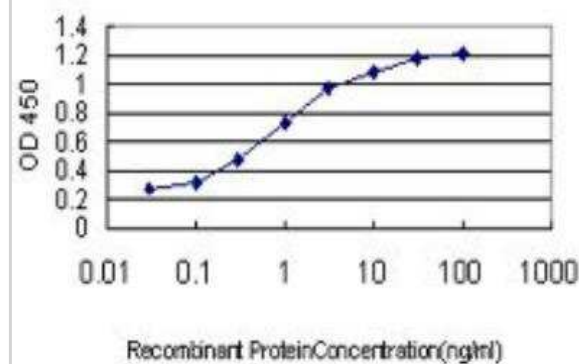
Immunohistochemistry-Paraffin: NeuroD1 Antibody (3H8) [H00004760-M01] - Analysis of monoclonal antibody to NEUROD1 on formalin-fixed paraffin-embedded human ovary, clear cell carcinoma. Antibody concentration 3 ug/ml.



Western Blot: NeuroD1 Antibody (3H8) [H00004760-M01] - Western Blot analysis of NEUROD1 expression in IMR-32 (Cat # L008V1).



ELISA: NeuroD1 Antibody (3H8) [H00004760-M01] - Detection limit for recombinant GST tagged NEUROD1 is approximately 0.03ng/ml as a capture antibody.



Publications

Chteinberg E, Sauer CM, Rennspiess D et al. Neuroendocrine Key Regulator Gene Expression in Merkel Cell Carcinoma. *Neoplasia* 2018-11-07 [PMID: 30414538]

Akazawa M, Kawachi H, Kitagaki K et al. Neuroendocrine carcinoma of the esophagus: clinicopathologic study of 10 cases and verification of the diagnostic utility of mASH1, NeuroD1, and PGP9.5. *Esophagus* 2014-06-13 (IF/IHC, Human)

Wang Y, Hersheson J, Lopez D et al. Defects in the CAPN1 Gene Result in Alterations in Cerebellar Development and Cerebellar Ataxia in Mice and Humans. *Cell Rep* 2016-06-28 [PMID: 27320912] (IF/IHC, Mouse)



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Products Related to H00004760-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-88661PEP	NeuroD1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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