

DATASHEET

Neurogenin 3 Mouse Monoclonal Antibody(C4053)

CAT. NO. AMA03665

KEY FEATURES

Target	Neurogenin 3	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Is a transcriptional regulator involved in the control of enteroendocrine cell differentiation . Together with NKX2-2, initiates transcriptional activation of NEUROD1 . Involved in neurogenesis. Also required for the specification of a common precursor of the 4 pancreatic endocrine cell types .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:1000 - 1:2000
----	-----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

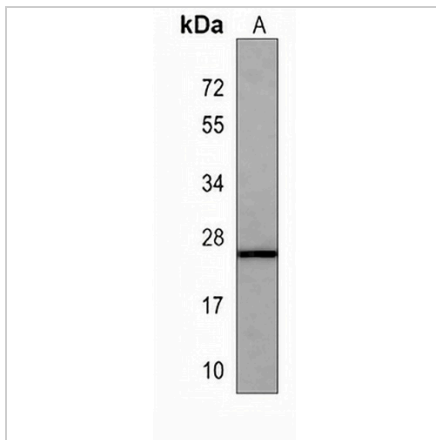
Description	Mouse monoclonal antibody to Neurogenin 3
Specificity	Recognizes endogenous levels of Neurogenin 3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Neurogenin 3. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 23 kD; Observed: 23 kD
Form/Buffer	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ATOH5; BHLHA7; NGN3; Neurogenin-3; NGN-3; Class A basic helix-loop-helix protein 7; bHLHa7; Protein atonal homolog 5
Gene Symbol	NEUROG3
Entrez Gene	50674(Human)
SwissProt	Q9Y4Z2(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**Neurogenin 3 Mouse Monoclonal Antibody(C4053)**

CAT. NO. AMA03665

DATA

Western blot analysis of Neurogenin 3 expression in THP1 (A) whole cell lysates.
(Predicted band size: 23 kD; Observed band size: 23 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.