



**Category:** Monoclonal Antibodies  
**Product Name:** Mouse Monoclonal Antibody to Neurogenin-3

**Catalog Number:** MAB-606020379

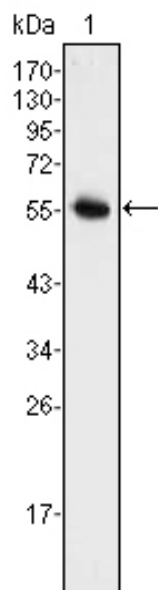


Figure 1: Western blot analysis using NGN3 mouse mAb against full-length NGN3 (aa1-214)-hlgGfc transfected HEK293 cell lysate (1).

Lot#:  
Clone#: 6G2  
Host and isotype: Mouse IgG1  
Size: 0.1ml (1.0mg/ml)  
MW: 23kDa  
Aliases: ngn3; Atoh5; Math4B;  
bHLHa7; NEUROG3  
Entrez Gene: 50674  
Species reactivity: Human

**Description** Neurogenin-3 (NEUROG3), also known as NGN3, it is expressed in endocrine progenitor cells and is required for endocrine cell development in the pancreas and intestine. It belongs to a family of basic helix-loop-helix transcription factors involved in the determination of neural precursor cells in the neuroectoderm.

**Immunogen** Purified recombinant fragment of human Neurogenin-3 expressed in E. Coli.

**Application** Western Blotting: 1/500 - 1/2000.  
ELISA: Propose dilution 1/10000.  
Not yet tested in other applications.  
Determining optimal working dilutions by titration test.

**Formulation** Antibody are purified by protein G affinity chromatography.  
Liquid in PBS containing 50% glycerol and 0.03% sodium azide.

**Storage** Store at 4°C, for long term storage, store at -20°C.

**Related product References** 1. Proc Natl Acad Sci U S A. 2000 Feb 15;97(4):1607-11.  
2. J Cell Biol. 2002 Oct 28;159(2):303-12.

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**Contact:** Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)