

## Product datasheet for **TA500355M**

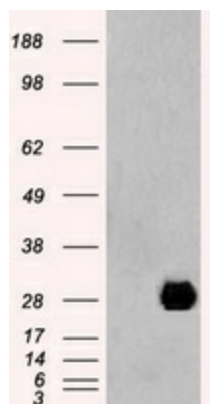
### Neurogenin 1 (NEUROG1) Mouse Monoclonal Antibody [Clone ID: OTI5A10]

#### Product data:

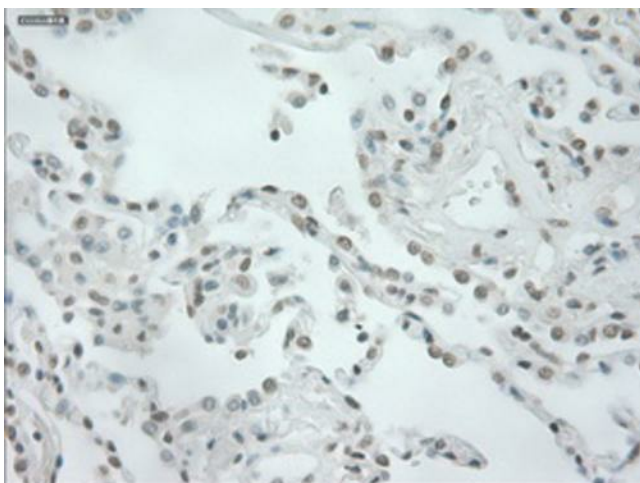
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI5A10   |
| Applications:           | IHC, IP, WB   |
| Recommended Dilution:   | WB 1:1000, IHC 1:50, IP 2-4ug/mg  |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full-length protein expressed in 293T cell transfected with human NEUROG1 expression vector   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 0.55 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 25.7 kDa  |
| Gene Name:              | neurogenin 1  |
| Database Link:          | <a href="#">NP_006152</a><br><a href="#">Entrez Gene 18014 Mouse</a> <a href="#">Entrez Gene 29410 Rat</a> <a href="#">Entrez Gene 4762 Human</a><br><a href="#">Q92886</a> |
| Synonyms:               | AKA; bHLHa6; Math4C; NEUROD3; ngn1  |
| Protein Families:       | Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors  |


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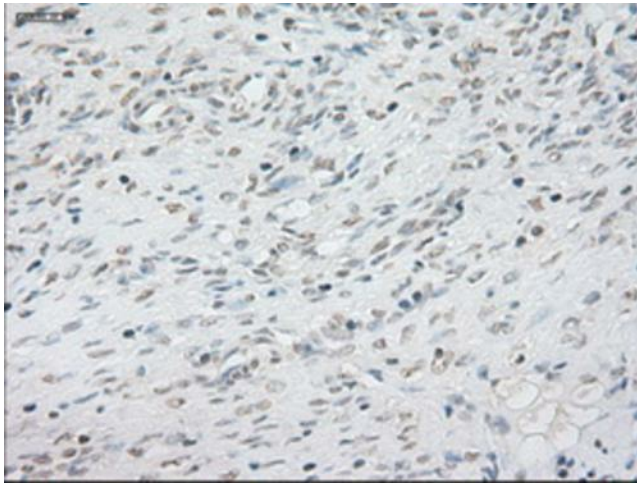
## Product images:



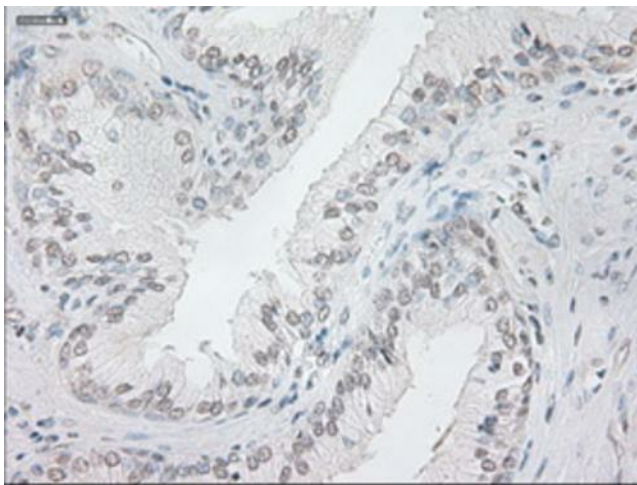
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NEUROG1 ([RC207029], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NEUROG1. Positive lysates [LY401855] (100ug) and [LC401855] (20ug) can be purchased separately from OriGene.



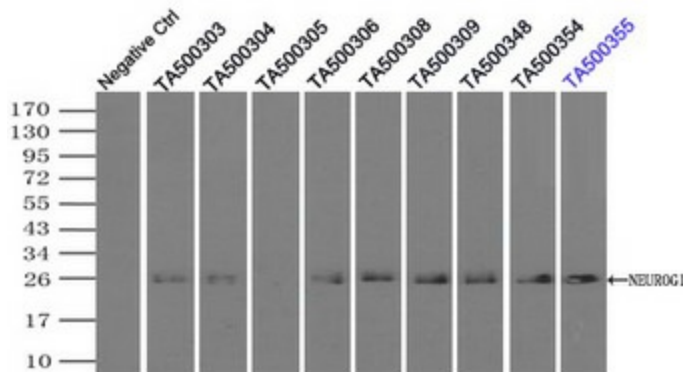
Immunohistochemical staining of paraffin-embedded lung tissue within the normal limits using anti-NEUROG1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Ovary tissue within the normal limits using anti-NEUROG1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-NEUROG1 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunoprecipitation of NEUROG1 by using TrueMab monoclonal anti-NEUROG1 antibody (Negative control: IP without adding anti-NEUROG1 antibody). For each experiment, 500ul of DDK tagged NEUROG1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-NEUROG1 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.