

## Product datasheet for **TA500306BM**

### Neurogenin 1 (NEUROG1) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI6C9]

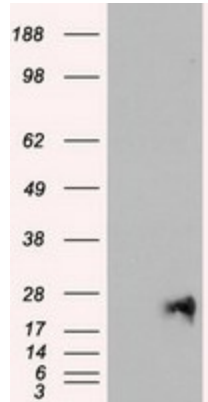
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI6C9  |
| Applications:           | IF, IP, WB  |
| Recommended Dilution:   | WB 1:2000, IF 1:100, IP 2-4ug/mg  |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human NEUROG1 (NP_006152) produced in HEK293T cell.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.   |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | HRP   |
| 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  |

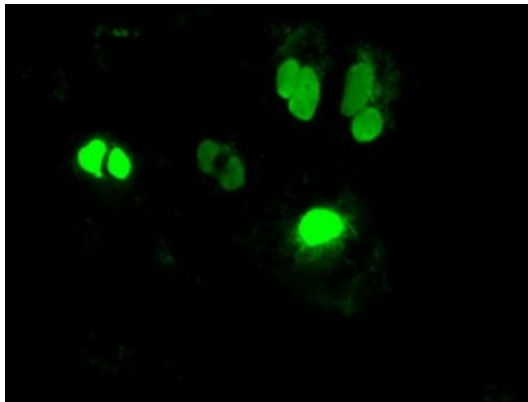


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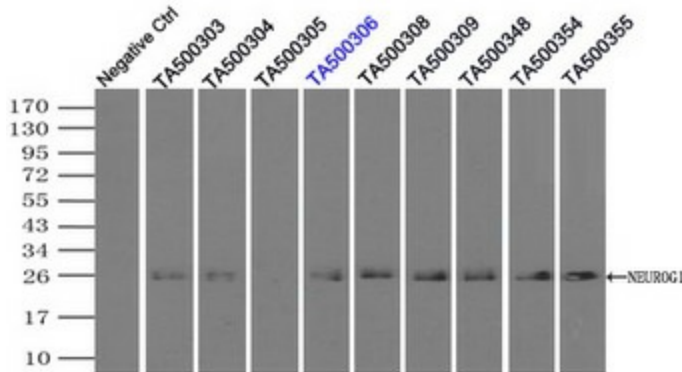
**Product images:**



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.



Anti-NEUROG1 mouse monoclonal antibody ([TA500306]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NEUROG1 ([RC207029]).



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.