

## Product datasheet for **TA813298**

### Nucleostemin (GNL3) Mouse Monoclonal Antibody [Clone ID: OTI4E1]

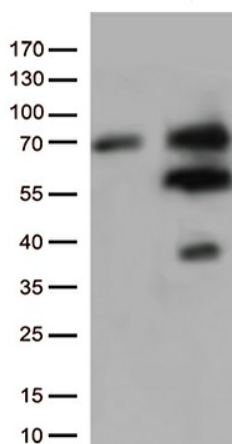
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI4E1  |
| Applications:           | WB  |
| Recommended Dilution:   | WB 1:500  |
| Reactivity:             | Human   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human GNL3 (NP_055181) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 1 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: | 61.8 kDa  |
| Gene Name:              | G protein nucleolar 3   |
| Database Link:          | <a href="#">NP_055181</a><br><a href="#">Entrez Gene 26354 Human</a><br><a href="#">Q9BVP2</a>  |
| Background:             | The protein encoded by this gene may interact with p53 and may be involved in tumorigenesis. The encoded protein also appears to be important for stem cell proliferation. This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Nov 2010] |
| Synonyms:               | C77032; E2IG3; NNP47; NS  |
| Protein Families:       | ES Cell Differentiation/IPS, Stem cell - Pluripotency   |

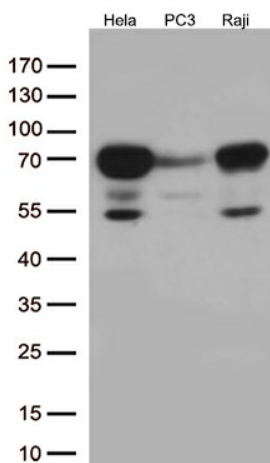


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## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY GNL3 (Cat# [RC200066], 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-GNL3 (Cat# TA813298)(1:500).



Western blot analysis of extracts (35ug) from 3 cell lines lysates by using anti-GNL3 monoclonal antibody (1:500).