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Product datasheet for TA813298AM

Nucleostemin (GNL3) Mouse Monoclonal Antibody (Biotin conjugated) [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:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
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:	NP_055181 Entrez Gene 26354 Human Q9BVP2
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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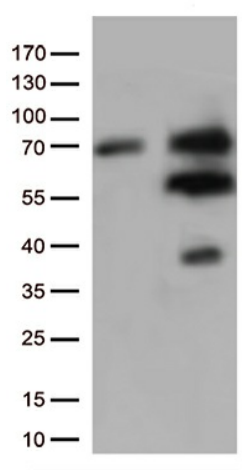
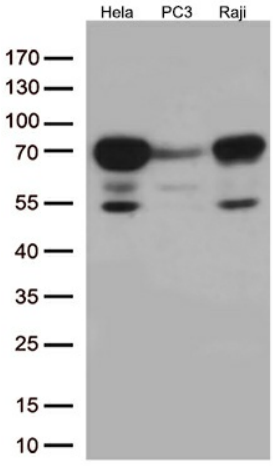
Product images:



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).