

## DATASHEET

# Nucleostemin Mouse Monoclonal Antibody(C2716)

CAT. NO. AMA02328

### KEY FEATURES

Target	Nucleostemin	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

May be required to maintain the proliferative capacity of stem cells. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500
FC	1:100 - 1:200

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Mouse monoclonal to Nucleostemin
Specificity	Recognizes endogenous levels of Nucleostemin protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Nucleostemin expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 62 kD; Observed: 60 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	E2IG3; NS; Guanine nucleotide-binding protein-like 3; E2-induced gene 3 protein; Novel nucleolar protein 47; NNP47; Nucleolar GTP-binding protein 3; Nucleostemin
Gene Symbol	GNL3
Entrez Gene	26354(Human); 290556(Rat)
SwissProt	Q9BVP2(Human); Q8CI11(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

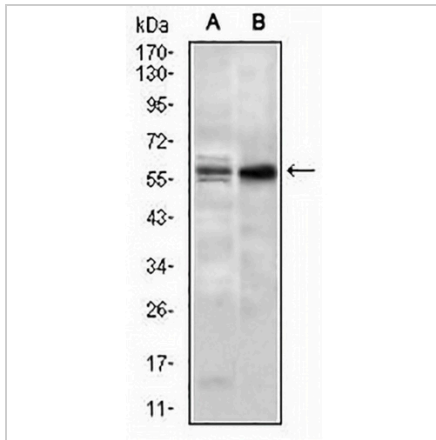
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

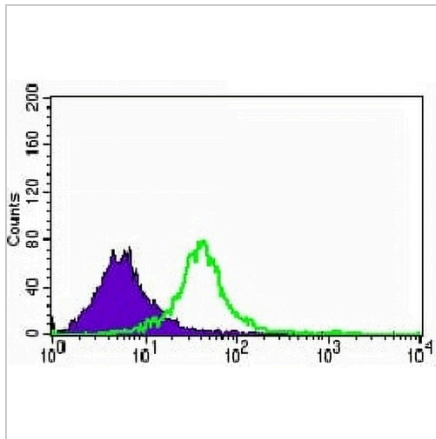
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**DATA**



Western blot analysis of Nucleostemin expression in NIH3T3 (A), PC3 (B) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 60 kD kD)



Flow cytometric analysis of Jurkat cells using Anti-Nucleostemin Antibody (green) and negative control (red).

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.