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# anti-Nucleostemin antibody (AA 1-226)





Publication



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#### Overview

Quantity:	100 μL
Target:	Nucleostemin (GNL3)
Binding Specificity:	AA 1-226
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nucleostemin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## **Product Details**

Immunogen:	Purified recombinant fragment of human GNL3 (AA: 1-226) expressed in E. coli.
Clone:	2C8D5
Isotype:	lgG1
Purification:	purified

# Target Details

Target:	Nucleostemin (GNL3)
Alternative Name:	GNL3 (GNL3 Products)
Background:	Description: 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.

# **Target Details**

	This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene. , , Aliases: NS, E2IG3, NNP47, C77032
Molecular Weight:	62 kDa
Gene ID:	26354
HGNC:	26354

# **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

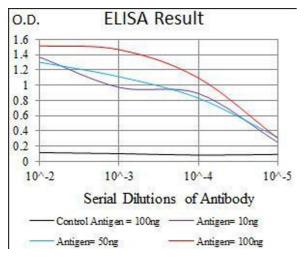
# **Publications**

Product cited in: Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs,

Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate

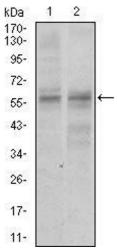
cancer." in: Familial cancer, Vol. 11, Issue 4, pp. 595-600, (2012) (PubMed).

Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) (PubMed).



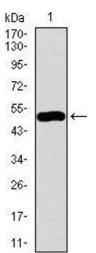
#### **ELISA**

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



#### **Western Blotting**

Image 2. Western blot analysis using GNL3 mouse mAb against NIH3T3 (1) and PC-3 (2) cell lysate.



## **Western Blotting**

Image 3. Western blot analysis using GNL3 mAb against human GNL3 recombinant protein. (Expected MW is 51.9 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN1724769.