

Datasheet for ABIN1724770

**anti-Nucleostemin antibody (AA 1-226)**

5 Images

1 Publication

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## Overview

Quantity:	0.1 mg
Target:	Nucleostemin (GNL3)
Binding Specificity:	AA 1-226
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nucleostemin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human GNL3 (AA: 1-226) expressed in E. coli.
Clone:	2C8D5
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	Nucleostemin (GNL3)
Alternative Name:	GNL3 ( <a href="#">GNL3 Products</a> )
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, FCM: 1:200 - 1:400

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

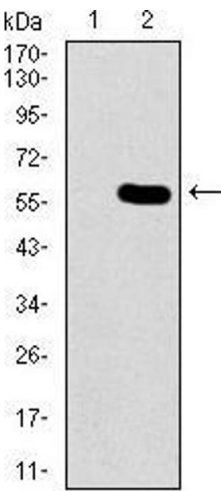
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

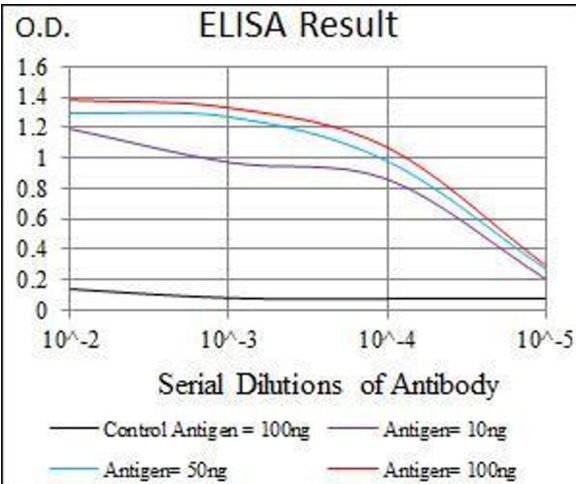
## Publications

Product cited in: Yoshida, Ishikawa, Niitsu, Nakazato, Watanabe, Shiraishi, Shiina, Hashimoto, Kanahara, Hasegawa, Enohara, Kimura, Iyo, Hashimoto: "Decreased serum levels of mature brain-derived neurotrophic factor (BDNF), but not its precursor proBDNF, in patients with major depressive disorder." in: **PLoS ONE**, Vol. 7, Issue 8, pp. e42676, (2012) ([PubMed](#)).



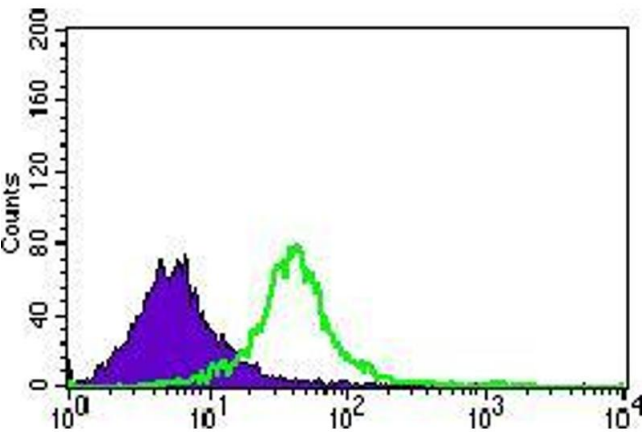
Western Blotting

**Image 1.** Western blot analysis using GNL3 mAb against HEK293 (1) and GNL3 (AA: 1-226)-hlgGFc transfected HEK293 (2) cell lysate.



ELISA

**Image 2.** Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

**Image 3.** Flow cytometric analysis of Jurkat cells using GNL3 mouse mAb (green) and negative control (purple).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724770.