

## Nucleostemin Rabbit mAb

Catalog No: #49925

Package Size: #49925-1 50ul #49925-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

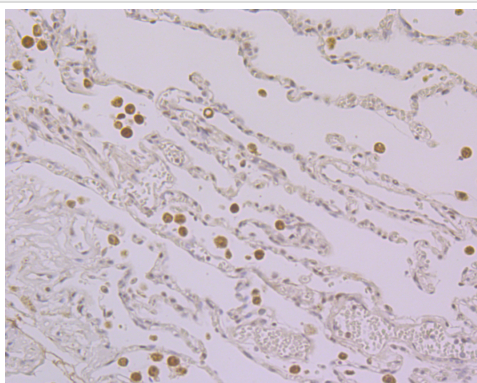
## Description

Product Name	Nucleostemin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG37-82
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein corresponding to the C-terminus of human Nucleostemin.
Other Names	C77032 antibody E2 induced gene 3 protein antibody E2-induced gene 3 protein antibody E2IG3 antibody Estradiol induced nucleotide binding protein antibody GNL3 antibody GNL3_HUMAN antibody Guanine nucleotide binding protein like 3 (nucleolar) antibody Guanine nucleotide binding protein like 3 antibody Guanine nucleotide-binding protein-like 3 antibody MGC800 antibody NNP47 antibody Novel nucleolar protein 47 antibody NS antibody Nucleolar GTP binding protein 3 antibody Nucleolar GTP-binding protein 3 antibody Nucleostemin antibody Putative nucleotide binding protein estradiol induced antibody
Accession No.	Swiss-Prot#:Q9BVP2
Uniprot	Q9BVP2
GeneID	26354;
Calculated MW	62 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

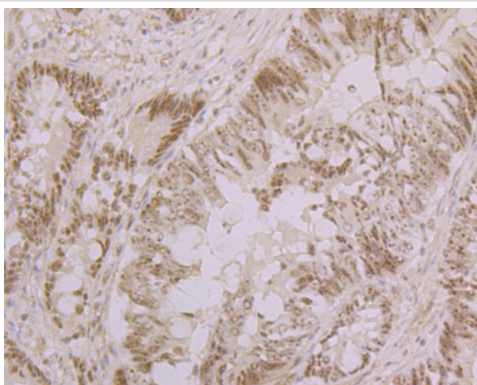
## Application Details

IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100

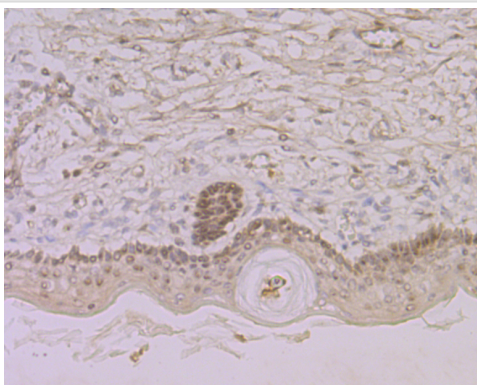
## Images



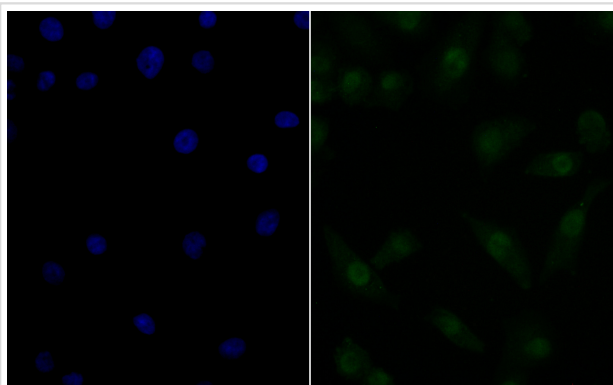
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.



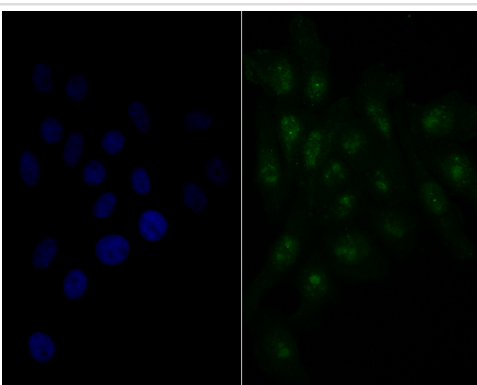
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.



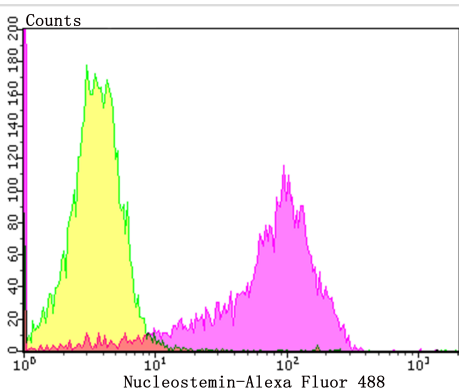
Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.



ICC staining Nucleostemin in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Nucleostemin in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of A549 cells with Nucleostemin antibody at 1/50 dilution (Fuchsia) compared with an unlabelled control (cells without incubation with primary antibody; Yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

## Background

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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. Stabilizes MDM2 by preventing its ubiquitination, and hence proteasomal degradation. This protein is found in both the nucleus and nucleolus. Three transcript variants encoding two different isoforms have been found for this gene.

## References

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Note: This product is for in vitro research use only