

Anti-Nucleostemin Antibody (4J11)

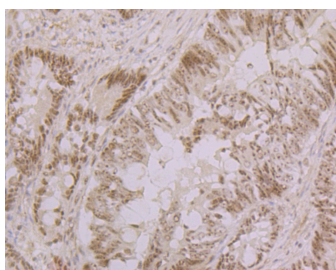
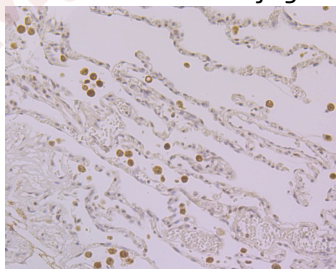
Product Details

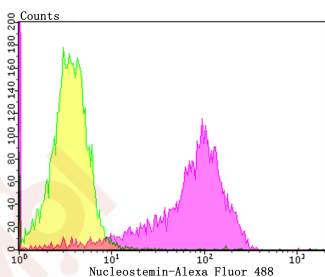
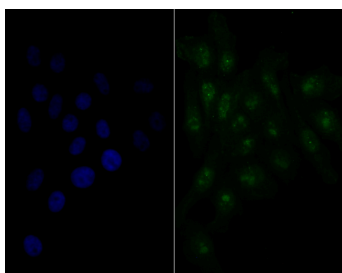
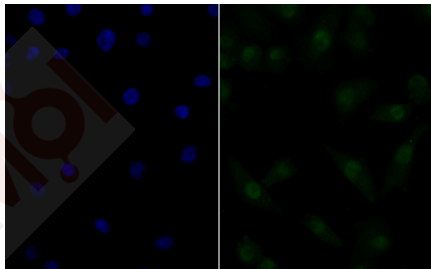
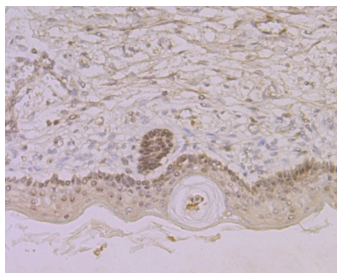
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 62 kDa.
Clone:	4J11
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-Nucleostemin antibody. Counter stained with hematoxylin.
4. 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.
5. 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.
6. 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.





Application: FCM, ICC, IHC, WB

Recommended IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: the C-terminus of human Nucleostemin

Antigen Species: Human

Uniprot ID: Q9BVP2

Synonyms: Nucleolar GTP-binding protein 3; Nucleolar GTP binding protein 3; Nucleostemin; GNL3; E2IG3; Novel nucleolar protein 47; Estradiol induced nucleotide binding protein; NS; Guanine nucleotide-binding protein-like 3; Putative nucleotide binding protein estradiol induced; GNL3_HUMAN; Guanine nucleotide binding protein like 3 (nucleolar); E2 induced gene 3 protein; Guanine nucleotide binding protein like 3; E2-induced gene 3 protein; C77032; MGC800; NNP47

Research 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. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481