

GNL3 Recombinant Mouse mAb

Catalog # AP96360

Product Information

Application	WB
Reactivity	Human
Host	Mouse
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG2a, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the MMR1/HSR1 GTP-binding protein family. Contains 1 G (guanine nucleotide-binding) domain.
SUBUNIT	Interacts with MDM2; this interaction stabilizes MDM2. Interaction with MDM2 occurs in the nucleoplasm and is triggered by a nucleolar release mechanism, such as mitosis-induced nucleolar disassembly (By similarity). Indirectly interacts with TP53, via MDM2-binding (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Nucleostemin is a protein found in the nucleoli of embryonic stem cells, adult CNS stem cells, primitive cells in the bone marrow and cancer cells. It is not in the differentiated cells of most adult tissues. It has been suggested to play a role in controlling the cell cycle progression in stem cells and cancer cells.

Additional Information

Other Names	C77032; E2IG3; NNP47; NS; Nug1; GNL3_HUMAN; GNL3; E2-induced gene 3 protein; Novel nucleolar protein 47 (NNP47); Nucleolar GTP-binding protein 3; Nucleostemin; GNL3_MOUSE; GNL3_RAT; G protein nucleolar 3; guanine nucleotide binding protein-like 3 (nucleolar)
Dilution	WB=1:500-1000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	GNL3 Recombinant Mouse mAb
Function	May be required to maintain the proliferative capacity of stem cells and may play an important role in tumorigenesis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.