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Anti-Nucleolin Rabbit mAb [42E24]

Catalog No.: A52247

Basic Information

Catalog No. (Cat.No.)	A52247
Host species	Rabbit
Reactivity	Human,Mouse
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Nucleolin

Product Information

Target	Nucleolin
Molecular Weight(Calculated)	77 kDa
Molecular Weight(Observed)	110 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	42E24
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Nucleolin
Gene Name	*NCL*
Domain	NA
Background	Nucleolin (Nucleolin) is multifunctional nucleolar phosphoprotein family protein mediating rRNA transcription-processing, ribosome assembly and RNA-stability regulation. Predominantly nucleolar, nucleolin also distributes in nucleoplasm, cytoplasm and plasma membrane. It supports Pol-I-driven rDNA transcription, pre-rRNA maturation and ribosome biogenesis. Additional functions include mRNA stabilization, chromatin remodeling and cell-cycle control. Nucleolin is highly abundant in proliferating and tumor cells; cell-surface nucleolin participates in cell adhesion and tumor angiogenesis. Its phosphorylation profile fluctuates across cell cycle and modulates subcellular localization and molecular activities.