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Anti-Fibrillarin Rabbit mAb [20E67]

Catalog No.: A52117

Basic Information

Catalog No. (Cat.No.)	A52117
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	Fibrillarin,FBL1,NOP2,Nop2,fibrillarin homolog,pre-ribosomal protein

Product Information

Target	Fibrillarin
Molecular Weight(Calculated)	34 kDa
Molecular Weight(Observed)	34 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	20E67
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	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Fibrillarin
Gene Name	*FBL*
Domain	NA
Background	Fibrillarin is a core component of small nucleolar ribonucleoproteins encoded by the FBL gene and serves as a classic functional biomarker of eukaryotic nucleoli. Specifically localized in the nucleolus, Fibrillarin primarily participates in rRNA transcription, 2'-O-ribose methylation modification, pre-rRNA processing and ribosome assembly and maturation, dominates cellular ribosome biogenesis, and regulates cell proliferation, protein synthesis and cell cycle progression. Fibrillarin expression level directly reflects nucleolar activity and cell proliferative status. Its aberrant overexpression is frequently observed in rapidly proliferating tumor cells and closely correlated with malignant proliferation and poor prognosis. It is also a classic marker for nucleolar structure labeling and cell proliferation activity detection.