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34-1031: Monoclonal Antibody to Fibrillarin/Nop1p (Clone: 38F3)

Clonality :	Monoclonal
Clone Name :	38F3
Application :	WB, IF/ICC, IHC
Reactivity :	Human, Rat, Mouse, Drosophila, Caenorhabditis, Saccharomyces
Gene :	FBL
Gene ID :	2091
Uniprot ID :	P22087
Format :	T.C. Sup.
Alternative Name :	34 kDa nucleolar scleroderma antigen,Histone-glutamine methyltransferase
Isotype :	Mouse, IgG1
Immunogen Information :	Yeast nuclear preparations

Product Info

Amount :	250 µl / 500 µl
Content :	Antibody is supplied as an aliquot of concentrated tissue culture supernatant.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

WB: 1:100-500. ICC/IF and IHC: 1:10-500

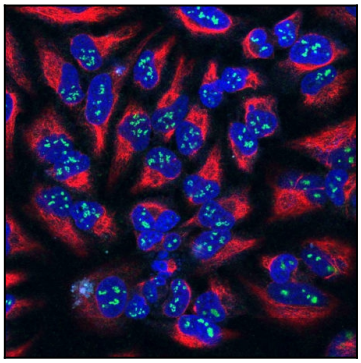

Figure-1: High magnification confocal image of HeLa cells stained with fibrillarin antibody (34-1031), dilution 1:100 in green, and costained with(34-1126), chicken polyclonal antibody to vimentin, in red, 1:10,000. Nuclear DNA is revealed with the DAPI stain in blue. The fibrillarin antibody shows strong staining of nucleoli in the nucleus, while the vimentin antibody reveals cytoplasmic intermediate filaments.

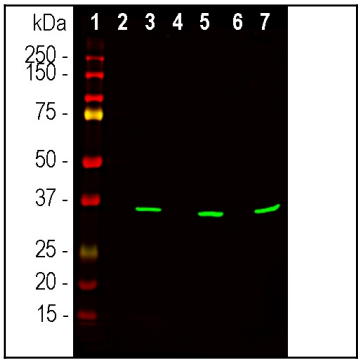

Figure-2: Western blot analysis of lysates of cell fractions probed with mouse mAb to fibrillarin,(34-1031), dilution 1:500 in green: [1] protein standard, [2] C6 cytosol, [3] C6 nuclear, [4] HEK293 cytosol, [5] HEK293 nuclear, [6] NIH-3T3 cytosol and [7] NIH-3T3 nuclear fractions. The band at 37kDa corresponds to the fibrillarin protein detected exclusively in the nuclear fractions.