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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

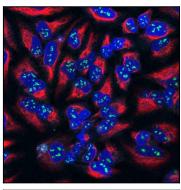


Figure-1: High magnification confocal image of HeLa cells stained with fibrillarin antibody (34-1031), dilution 1:100 in green, and costained with(34-1126), chicken polyclonal antibody to vimentin, in red, 1:10,000. Nuclear DNA is revealed with the DAPI stain in blue. The fibrillarin antibody shows strong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

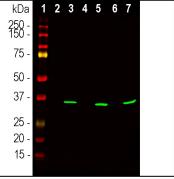


Figure-2: Western blot analysis of lysates of cell fractions probed with mouse mAb to fibrillarin,(34-1031), dilution 1:500 in green: [1] protein standard, [2] C6 cytosol, [3] C6 nuclear, [4] HEK293 cytosol, [5] HEK293 nuclear, [6] NIH-3T3 cytosol and [7] NIH-3T3 nuclear fractions. The band at 37kDa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