

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

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

#### Product Info

<b>Amount :</b>	250 µl / 500 µl
<b>Content :</b>	Antibody is supplied as an aliquot of concentrated tissue culture supernatant.
<b>Storage condition :</b>	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

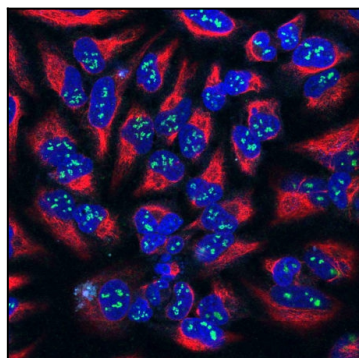


Figure-1: High magnification confocal image of HeLa cells stained with fibrillarin antibody (34-1031), dilution 1:100 in green, and costained with (34-1126), chicken polyclonal antibody to vimentin, in red, 1:10,000. Nuclear DNA is revealed with the DAPI stain in blue. The fibrillarin antibody shows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

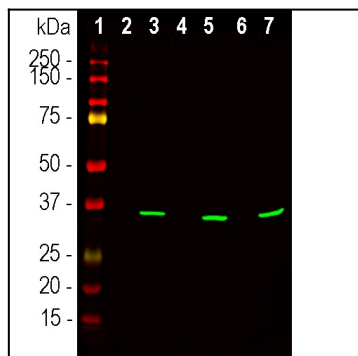


Figure-2: Western blot analysis of lysates of cell fractions probed with mouse mAb to fibrillarin, (34-1031), dilution 1:500 in green: [1] protein standard, [2] C6 cytosol, [3] C6 nuclear, [4] HEK293 cytosol, [5] HEK293 nuclear, [6] NIH-3T3 cytosol and [7] NIH-3T3 nuclear fractions. The band at 37kDa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