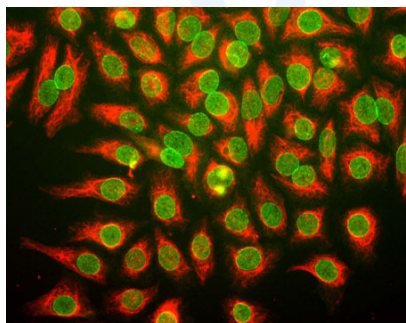


## Mouse monoclonal antibody to Nuclear Pore Complex [39C7]

<b>Catalogue No.:</b>	M-1397-250
<b>Description:</b>	The Nuclear Core Complex (NPC) acts as a gateway for macromolecular traffic between the cytoplasm and the nucleus.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	250 uL
<b>Antigen:</b>	Yeast nuclear preparation
<b>Antibody Type:</b>	Monoclonal
<b>Isotype:</b>	IgG1
<b>Clone:</b>	39C7
<b>Other Names:</b>	Nuclear pore complex protein Nup107; 107 kDa nucleoporin; Nucleoporin Nup107; NUP107;
<b>Accession:</b>	P57740 NU107_HUMAN;
<b>Produced in:</b>	Mouse
<b>Applications:</b>	Immunocytochemistry (IC). A dilution of 1:50-1:500 is recommended for IC. This antibody does not work well for Western Blotting. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by IC.
<b>Antibody Against:</b>	Nuclear Pore Complex
<b>Cross-reactivity:</b>	Hu, Rat, Ms, Yeast
<b>Form:</b>	Lyophilised with 5% trehalose
<b>Appearance:</b>	White powder
<b>Reconstitution:</b>	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution of lyophilised antibody, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Human HeLa Cells grown in tissue culture and stained with Chicken antibody to Vimentin C-1409-50 (red) and Mouse monoclonal antibody to Nuclear Pore Complex [39C7] M-1397-250 (green). The Vimentin filaments in the cytoplasm of the cells are clearly visible in red, while the nuclear pore complex is also visible in green. The 39C7 antibody recognizes nuclear pore complexes in all eukaryotes tested to date. Picture taken with a Zeiss 40X objective and documented with a Digital SPOT camera.

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