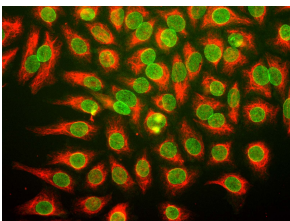


## Anti-Nuclear Pore Complex Proteins Antibody [39C7] (A85460)

### Specifications:

Name:	Anti-Nuclear Pore Complex Proteins Antibody [39C7]
Description:	Mouse monoclonal (39C7) antibody to Nuclear Pore Complex Proteins.
Applications:	WB, ICC/IF
Recommended Dilutions:	WB: 1:100, ICC/IF (yeast cells): 1:100-1:500, ICC/IF (mammalian cells): 1:50-1:100
Reactivity:	Human, Rat, Mouse, Bovine, Porcine, Horse, Chicken, Drosophila, Caenorhabditis, Yeast
Immunogen:	Yeast nuclear preparations.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	39C7
Isotype:	IgG1
Conjugate:	Unconjugated
Molecular Weight:	~62 kDa
Purity:	Tissue culture supernatant.
Product Form:	Liquid
Formulation:	Supplied as an aliquot of concentrated hybridoma cell culture media with 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

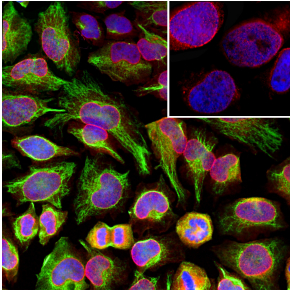
### Images:



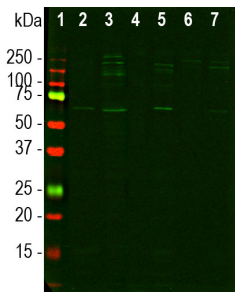
Human HeLa cells were stained with Anti-Nuclear Pore Complex Antibody (green), which binds to a nuclear pore complex antigen, and Anti-Vimentin Antibody (A85421 | red). Note the close apposition of cytoplasmic vimentin intermediate filaments with the nuclear membrane, revealed by the Anti-Nuclear Pore Complex Antibody binding to the nuclear pores.

## Anti-Nuclear Pore Complex Proteins Antibody [39C7] (A85460)

Images continued:



Immunofluorescent analysis of HeLa cells stained with Anti-Nuclear Pore Complex Antibody [39C7] (A85460), at a dilution of 1:100, in red, and co-stained with Anti-Vimentin Antibody (A85421), at a dilution of 1:10,000, in green. The blue is DAPI staining of nuclear DNA. Anti-Nuclear Pore Complex Antibody [39C7] (A85460) reveals strong granular staining of the nuclei corresponding to the NPC, while the Anti-Vimentin Antibody (A85421) specifically labels intermediate filaments in these cells.



Western blot analysis of different cell lysates, cytosol or nuclear enriched fractions using Anti-Nuclear Pore Complex Antibody [39C7] (A85460), at a dilution of 1:100, in green. The lanes contain samples of: [1] Protein standards, in red, [2] HEK293 cytosol, [3] HEK293 nuclear, [4] NIH-3T3 cytosol, [5] NIH-3T3 nuclear, [6] HeLa cytosol, and [7] HeLa nuclear fraction lysate. The band at about 68 kDa represents a currently unidentified NPC protein which is detected predominantly in the nuclear enriched fractions of all cell lines.