



MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis

Catalog No. CEC-031

Anti-Nup153 antibody

BACKGROUND

Nup153 is a major component of the NPC (Nuclear pore complex) which is extremely elaborate structure that mediate the regulated movement of macromolecules between the nucleus and cytoplasm.

Product type	Primary antibody
Immunogen	Synthetic peptide corresponding to C-terminal 17aa of human Nup153, GTSVSGRKIKTAVRRKK.
Host	Rat
Clone number	7F9E12
Isotype	IgG2a
Source	Culture supernatant
Purification	Ion-exchange chromatography
Form	Liquid
Presentation	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration	1 mg/mL
Volume	100 µL
Label	Unlabeled
Specificity	Nup153
Cross reactivity	Human Other species have not been tested.
Storage	Store below -20°C (below -70°C for prolonged storage) Aliquot to avoid cycles of freeze/thaw.
Other	-

Application notes

Recommended use

WB, ICC Not tested for other applications.

Recommended dilutions

Western blotting, 1/1,000 to 1/5,000

Immunocytochemistry, 1/100 to 1/500

Optimal dilutions/concentrations should be determined by the end user.

References

1) Ball and Ullman, (2005) Chromosoma, 114, 319-330.

ANTIBODY CHARACTERIZATION

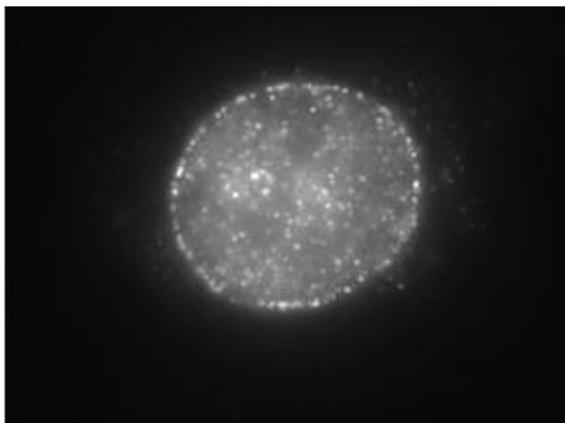


Fig.1 Immunocytochemistry/ Immunofluorescence – Nup153 antibody (7F9E12), HeLa cells

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