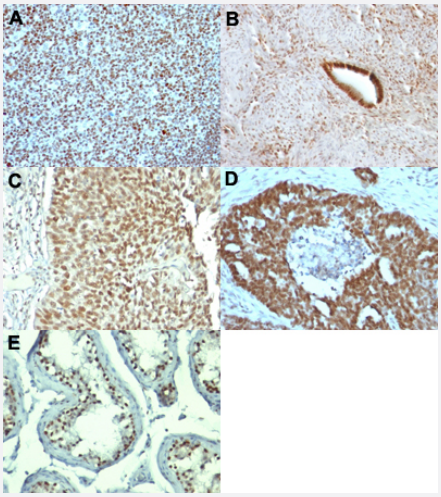
NCL monoclonal antibody, clone NCL/902

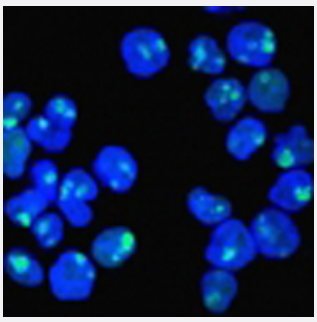
Catalog # MAB14379 Size 100 ug

Applications



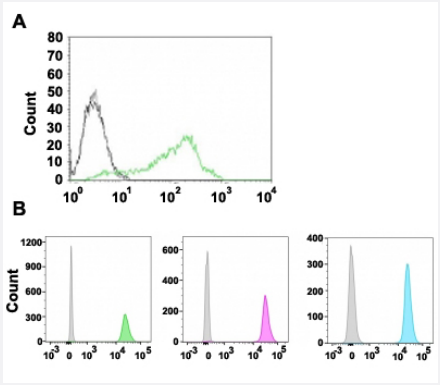
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A), human skin (B), human uterus (C), human bladder carcinoma (D) and human ovarian carcinoma (E) with NCL monoclonal antibody, clone NCL/902 (Cat # MAB14379).



Immunofluorescence

Immunofluorescent staining of HeLa cells with NCL monoclonal antibody, clone NCL/902 (Cat # MAB14379) (Green). Blue: nuclei.



Flow Cytometry

Flow cytometric analysis of 293T cells (A) and Jurkat cells (B) with NCL monoclonal antibody, clone NCL/902 (Cat # MAB14379). A: Cells alone was black; isotype control was grey and AF488 conjugated format of NCL monoclonal antibody, clone NCL/902 was green. B: isotype control was grey; FITC conjugated format was green; APC conjugated format was purple and AF700 conjugated format of NCL monoclonal antibody, clone NCL/902 was turquoise.

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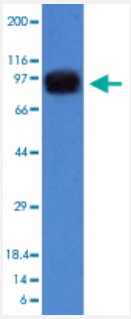

Western Blot (Cell lysate)

Western Blot analysis of A431 cell lysate with NCL monoclonal antibody, clone NCL/902 (Cat # MAB14379).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human NCL.
Immunogen	Recombinant protein corresponding to full length human NCL.
Host	Mouse
Theoretical MW (kDa)	76
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — NCL

Entrez GeneID	4691
Protein Accession#	P19338
Gene Name	NCL
Gene Alias	C23, FLJ45706
Gene Description	nucleolin
Omim ID	164035
Gene Ontology	Hyperlink
Gene Summary	Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturatio n of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene co nsists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20. [provided by RefSeq
Other Designations	-

Pathway

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- Pathogenic Escherichia coli infection - EHEC

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