

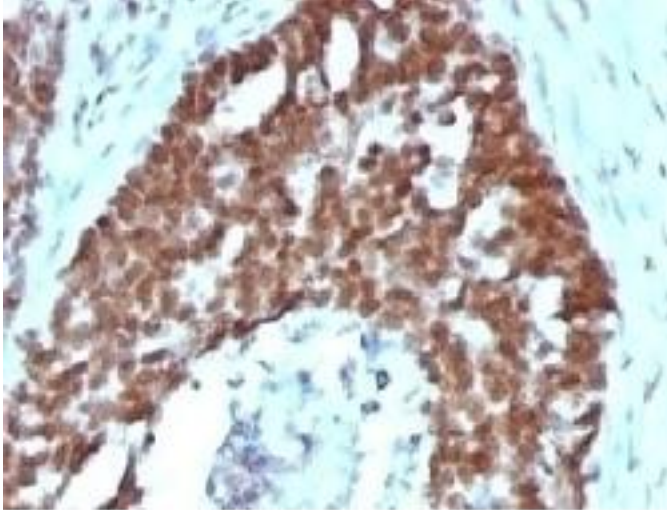
NCL

Mouse Anti-Human/Mouse Nucleolin (Clone NPC23-2) mAb

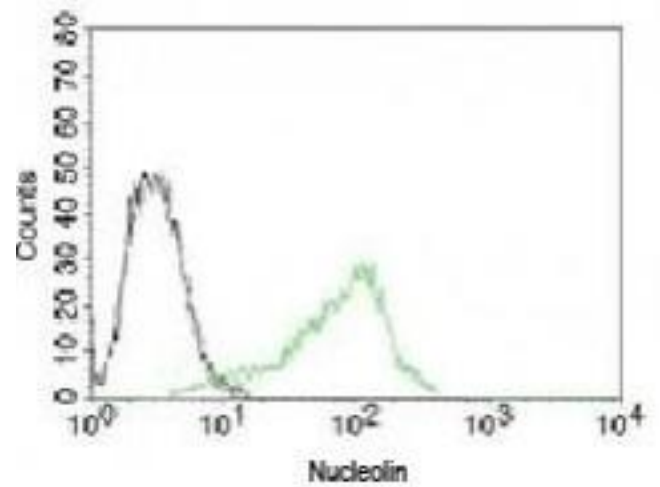
Catalog No.	CSI14240	Quantity:	100 µg
Alternate Names:	NCL, Protein C23		
Description:	<p>Nucleolin is a ubiquitously expressed 100 kD nuclear and nucleolar protein that contains RNA recognition motifs. Nucleolin is the major nucleolar protein of eukaryotic cells in growth phase associated with intranucleolar chromatin and pre-ribosomal particles. This protein induces chromatin de-condensation by binding to histone H1 and plays a role in pre-rRNA transcription and ribosome assembly. Nucleolin exhibits self-cleaving, DNA helicase, RNA helicase and DNA-dependent ATPase activities; activity can be upregulated in response to ERK signaling, c-Myc expression, and genotoxic stress (UV radiation). This protein is modified by phosphorylation (Thr76/Thr84). This protein interacts with phosphatase 1δ, hepatitis C virus NS5B, part of B-cell specific transcription factor complex with LR1, and DNA Topoisomerase I.</p>		
UniProt ID:	P19338		
Gene ID:	4691		
Concentration:	0.2 mg/ml		
Molecular Weight:	77 kDa, predicted		
Host:	Mouse		
Immunogen:	Recombinant human nucleolin		
Isotype:	IgG1		
Clone:	NPC23-2		
Reactivity:	Human and Mouse		
Formulation:	PBS, 1% BSA containing 0.05% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein G affinity chromatography		
Applications:	Flow Cytometry: 0.5-1 µg/10 ⁶ cells in 0.1 ml Western blot: 1-2 µg/ml IHC (FFPE): 0.5-1 µg/ml for 30 minutes at RT Immunoprecipitation		
Recommended Usage:	FFPE testing requires sections to be boiled in pH6 10mM citrate buffer for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.		
Storage & Stability:	Store at 2-8°C. Do not freeze.		



IHC of FFPE human ovarian carcinoma with Nucleolin mAb (clone NPC23-2)



Flow cytometry of HEK293 cells and Alexa Fluor 488-labeled Nucleolin mAb (green)



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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