

Mouse anti-Human NUCL Monoclonal Antibody | anti-NCL antibody

NUCL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283423	Mouse	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

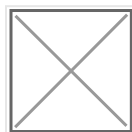
PRODUCT SYNONYMS

NUCL; Monoclonal Antibody; NUCL Antibody; Nucleolin; Protein C23; NCL; anti-NCL antibody

PRODUCT SPECIFICATIONS

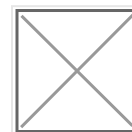
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1?
Clone Number	130CT43.8.5
Specificity	This NUCL Monoclonal antibody is generated from mice immunized with a protein from human NUCL.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	710
Applicable Applications for anti-NCL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of NUCL Antibody with 293 cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

NUCL Monoclonal Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NUCL Monoclonal Antibody for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NUCL Antibody in 293 cell line lysates (35ug/lane). NUCL (arrow) was detected using the purified Mab.

ADDITIONAL INFORMATION

Related Product Information for anti-NCL antibody	Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20.
References	Ishimaru, D., et al. J. Biol. Chem. 285(35):27182-27191(2010) Tulchin, N., et al. Am. J. Pathol. 176(3):1203-1214(2010) Strang, B.L., et al. J. Virol. 84(4):1771-1784(2010) Bertrand, L., et al. J. Virol. 84(1):109-118(2010) Jerke, U., et al. PLoS ONE 4 (12), E8302 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956788
NCBI GeneID	4691
NCBI Accession #	NP_005372.2
NCBI GenBank Nucleotide #	NM_005381.2
UniProt Accession #	P19338; Q53SK1; Q8NB06; Q9UCF0; Q9UDG1
Molecular Weight	76614
NCBI Official Full Name	nucleolin
NCBI Official Synonym Full Names	nucleolin
NCBI Official Symbol	NCL
NCBI Official Synonym Symbols	C23
NCBI Protein Information	nucleolin
UniProt Protein Name	Nucleolin
UniProt Gene Name	NCL
UniProt Entry Name	NUCL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nucl-antibody-clone-130ct43-8-5-immunofluorescence-immunohistochemistry-western-blot-elisa/283423>