

For Research Use Only

Phospho-Lamin A/C (Ser22) Recombinant monoclonal antibody, PBS Only



Catalog Number: 87346-1-PBS

Basic Information

Catalog Number: 87346-1-PBS	GenBank Accession Number: NM_170707	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 4000	CloneNo.: 252663H8
Isotype: IgG	ENSEMBL Gene ID: ENSG00000160789	
	UNIPROT ID: P02545	
	Full Name: lamin A/C	
	Calculated MW: 65 kDa	
	Observed MW: 65 kDa, 70 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

Lamin A/C is also named as LMNA or LMN1. The lamin family of proteins make up the matrix and are highly conserved in evolution. Phospho-Lamin A/C (Ser22) is a phosphorylated form of Lamin A/C, which is a protein that plays a crucial role in the structure and function of the nuclear lamina. Lamin A/C phosphorylation is predicted to have regulatory consequences.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

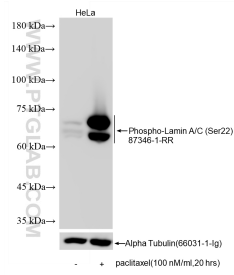
T: 4006900926

E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

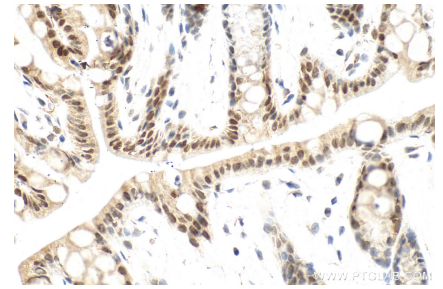
Selected Validation Data



Non-treated HeLa cells and paclitaxel treated HeLa cells were subjected to SDS PAGE followed by western blot with 87346-1-RR (Phospho-Lamin A/C (Ser22) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 87346-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 87346-1-RR (Phospho-Lamin A/C (Ser22) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87346-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 87346-1-RR (Phospho-Lamin A/C (Ser22) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 87346-1-PBS in a different storage buffer formulation.