

For Research Use Only

NPM3 Recombinant antibody, PBS Only

Catalog Number: 85156-5-PBS



Basic Information

Catalog Number:	85156-5-PBS	GenBank Accession Number:	BC054868	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	10360	CloneNo.:	242863G12
Source:	Rabbit	UNIPROT ID:	O75607		
Isotype:	IgG	Full Name:	nucleophosmin/nucleoplasmin, 3		
Immunogen Catalog Number:	AG2564	Calculated MW:	178 aa, 19 kDa		

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

NPM3, a member of the nucleophosmin/ nucleoplasmin family, lacks intrinsic histone chaperone activity, inhibits histone assembly activity of NPM1 in vitro, and dramatically enhances transcription in a cellular system (PMID: 20073534). Human NPM3 is an abundant and widely expressed protein with primarily nuclear localization. The NPM3 protein migrated in SDS-PAGE gels as a doublet with apparent molecular masses of 25 and 27 kDa, which are larger than the 20.5 kDa mass predicted by the deduced amino acid sequence including the HA tag (PMID: 11722795).

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

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

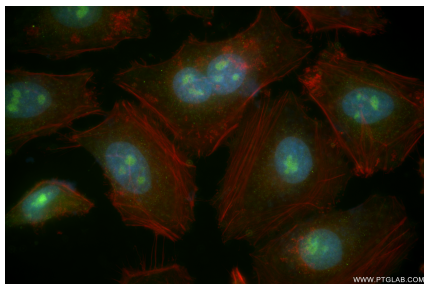
T: 4006900926

E: Proteintech-CN@ptglab.com

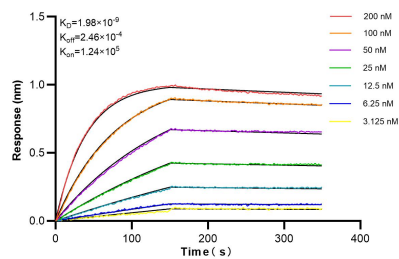
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using NPM3 antibody (85156-5-RR, Clone: 242863G12) at dilution of 1:2000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85156-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85156-5-RR against Human NPM3 were performed. The affinity constant is 1.98 nM.