

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

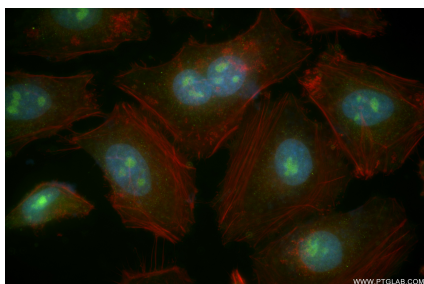
Storage:
Store at -80°C.

Storage Buffer:
PBS only

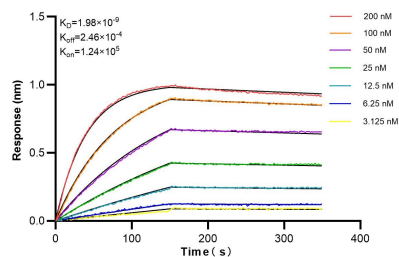
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.