

For Research Use Only

# NPM3 Recombinant antibody, PBS Only

Catalog Number: 85156-4-PBS



## Basic Information

<b>Catalog Number:</b> 85156-4-PBS	<b>GenBank Accession Number:</b> BC054868	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10360	<b>CloneNo.:</b> 242863C5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75607	
<b>Isotype:</b> IgG	<b>Full Name:</b> nucleophosmin/nucleoplasmin, 3	
<b>Immunogen Catalog Number:</b> AG2564	<b>Calculated MW:</b> 178 aa, 19 kDa	
	<b>Observed MW:</b> 20-25 kDa	

## Applications

**Tested Applications:**  
WB, 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). The NPM3 antibody can detect two bands with MW between 20-27 kDa.

## Storage

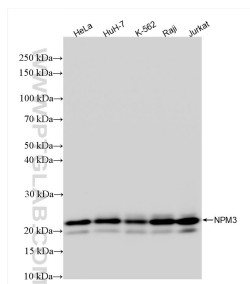
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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



Various lysates were subjected to SDS PAGE followed by western blot with 85156-4-RR (NPM3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85156-4-PBS in a different storage buffer formulation.