

For Research Use Only

# NDP52 Recombinant antibody, PBS Only

Catalog Number: 86167-1-PBS



## Basic Information

<b>Catalog Number:</b> 86167-1-PBS	<b>GenBank Accession Number:</b> BC015893	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10241	<b>CloneNo.:</b> 250714E9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13137	
<b>Isotype:</b> IgG	<b>Full Name:</b> calcium binding and coiled-coil domain 2	
<b>Immunogen Catalog Number:</b> AG2866	<b>Calculated MW:</b> 446 aa, 52 kDa	
	<b>Observed MW:</b> 52 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

NDP52, also named as CALCOCO2, is an autophagy receptor. It plays a role in ruffle formation and actin cytoskeleton organization. Mouse/Rat NDP52 has some isoforms with MW 28-40 kDa and 67 kDa. Human NDP52 has some isoforms with MW 43-47 kDa and 52-55 kDa.

## Storage

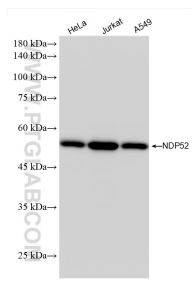
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

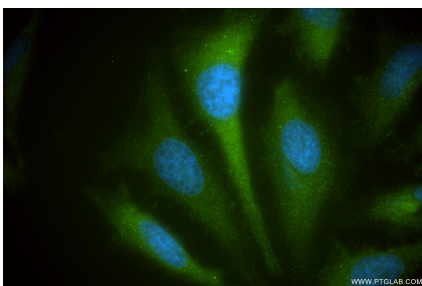
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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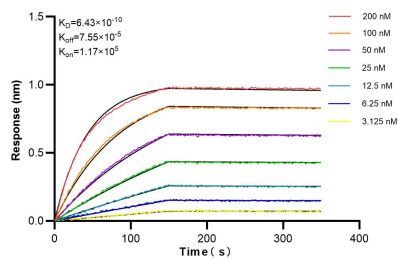
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86167-1-RR (NDP52 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86167-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using NDP52 antibody (86167-1-RR, Clone: 250714E9) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86167-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86167-1-RR against Human NDP52 were performed. The affinity constant is 0.643 nM.