

For Research Use Only

NDP52 Monoclonal antibody, PBS Only



Catalog Number: 66401-1-PBS

Featured Product

Basic Information

Catalog Number:

66401-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2866

GenBank Accession Number:

BC015893

GeneID (NCBI):

10241

UNIPROT ID:

Q13137

Full Name:

calcium binding and coiled-coil domain 2

Calculated MW:

446 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein A purification

CloneNo.:

2F2C2

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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.

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:

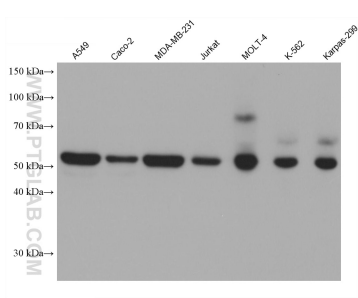
T: 4006900926

E: Proteintech-CN@ptglab.com

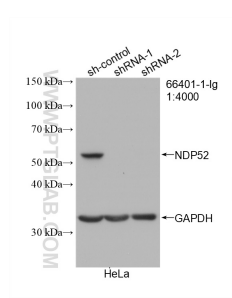
W: ptgcn.com

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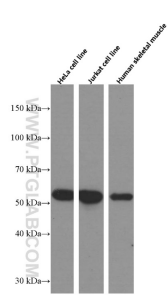
Selected Validation Data



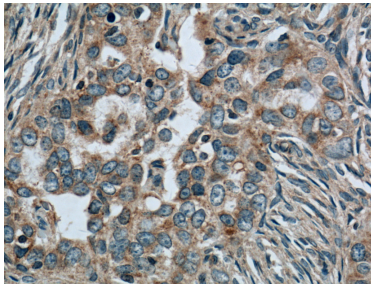
Various lysates were subjected to SDS PAGE followed by western blot with 66401-1-Ig (NDP52 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66401-1-PBS in a different storage buffer formulation.



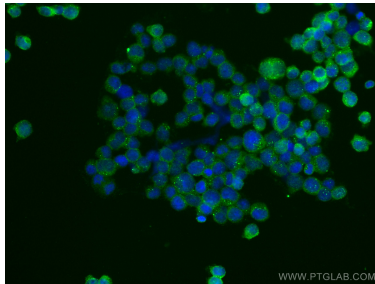
WB result of NDP52 antibody (66401-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NDP52 transfected HeLa cells. This data was developed using the same antibody clone with 66401-1-PBS in a different storage buffer formulation.



HeLa, Jurkat cells and human skeletal tissue lysate were subjected to SDS PAGE followed by western blot with 66401-1-Ig (NDP52 Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66401-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 66401-1-Ig (NDP52 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66401-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using NDP52 antibody (66401-1-Ig, Clone: 2F2C2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66401-1-PBS in a different storage buffer formulation.