

For Research Use Only

NUMB Recombinant antibody, PBS Only

Catalog Number: 85939-4-PBS



Basic Information

Catalog Number:

85939-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31553

GenBank Accession Number:

NM_001005743

GeneID (NCBI):

8650

UNIPROT ID:

P49757

Full Name:

numb homolog (Drosophila)

Calculated MW:

71KD

Observed MW:

66-71 kDa

Purification Method:

Protein A purification

CloneNo.:

250417F6

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

NUMB, also named as S171, plays a role in the determination of cell fates during development. It is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. The degradation of NUMB is induced in a proteasome-dependent manner by MDM2. Four transcript variants encoding different isoforms have been found for this gene.

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, pH7.3

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

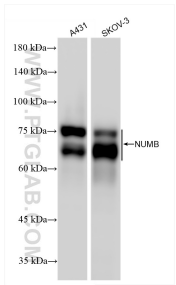
T: 4006900926

E: Proteintech-CN@ptglab.com

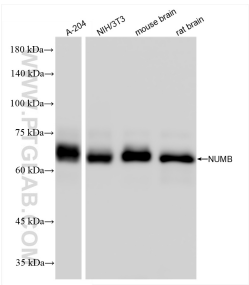
W: ptgcn.com

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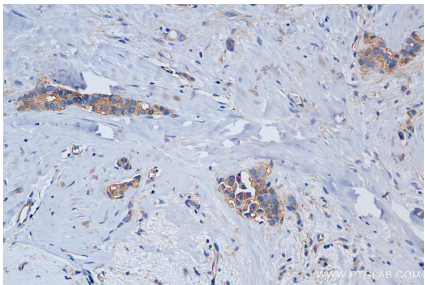
Selected Validation Data



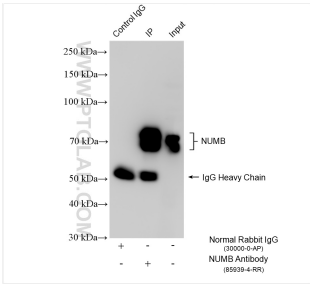
Various lysates were subjected to SDS PAGE followed by western blot with 85939-4-RR (NUMB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85939-4-PBS in a different storage buffer formulation.



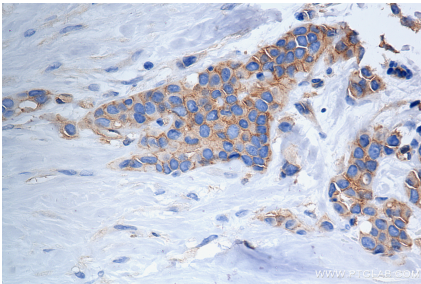
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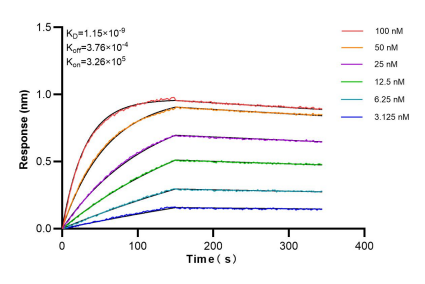
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 85939-4-RR (NUMB antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85939-4-PBS in a different storage buffer formulation.



IP result of anti-NUMB (IP:85939-4-RR, 4ug; Detection:85939-4-RR 1:3000) with HeLa cells lysate 1600 ug. This data was developed using the same antibody clone with 85939-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 85939-4-RR (NUMB antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85939-4-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 85939-4-RR against Human NUMB were performed. The affinity constant is 1.15 nM.