

For Research Use Only

NUMB Recombinant antibody, PBS Only

Catalog Number: 85939-4-PBS



Basic Information

Catalog Number:

85939-4-PBS

Size:

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

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.

Storage Buffer:

PBS only, pH7.3

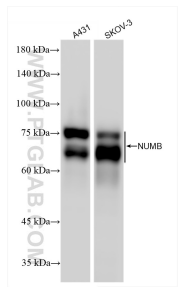
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

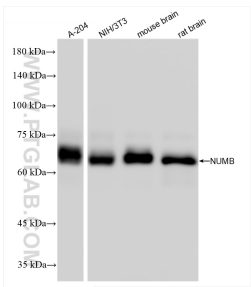
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

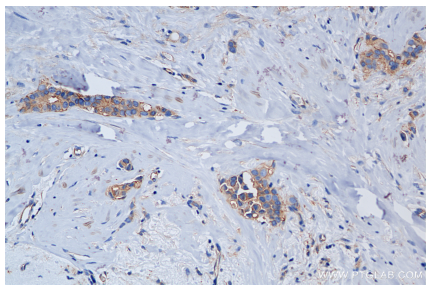
Selected Validation Data



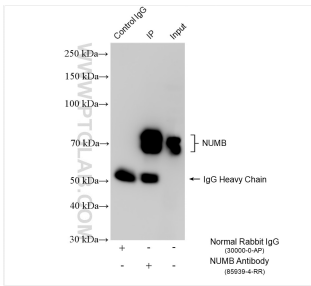
Various lysates were subjected to SDS PAGE followed by western blot with 85939-4-RR (NUMB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85939-4-PBS in a different storage buffer formulation.



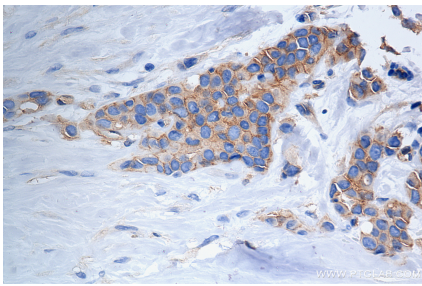
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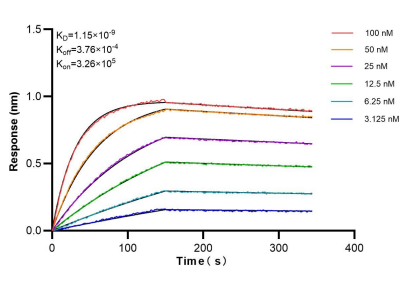
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 85939-4-RR (NUMB antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85939-4-PBS in a different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