

For Research Use Only

# NUP155 Monoclonal antibody

Catalog Number: 66359-1-Ig

Featured Product

4 Publications



## Basic Information

Catalog Number:

66359-1-Ig

Size:

150ul, Concentration: 2100 ug/ml by Nanodrop and 1500 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG3638

GenBank Accession Number:

BC039257

GeneID (NCBI):

9631

UNIPROT ID:

O75694

Full Name:

nucleoporin 155kDa

Calculated MW:

1391 aa, 155 kDa

Observed MW:

140-155 kDa

Purification Method:

Protein A purification

CloneNo.:

1A7F2

Recommended Dilutions:

WB 1:2000-1:12000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, rat

Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HEK293 cells, HeLa cells, ROS1728 cells

IHC : human breast cancer tissue,

## Background Information

NUP155 is a nucleoporin, the major component of the nuclear pore complex (NPC) that is essential for nuclear envelope biogenesis. Mutation of NUP155 has been linked to cardiovascular disease.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan-Ni Su	36198376	J Ethnopharmacol	WB
Zhixiong Liu	30876848	Neuron	WB
Kai-Min Li	39720592	Front Pharmacol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

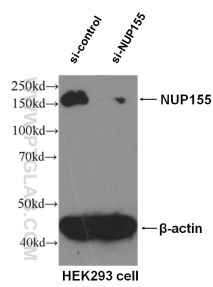
For technical support and original validation data for this product please contact:

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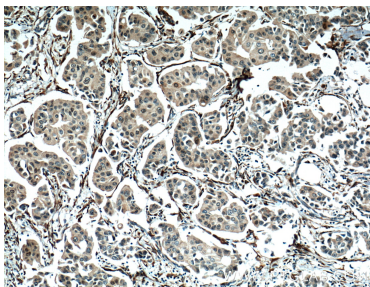
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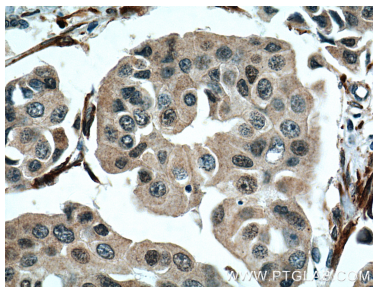
Selected Validation Data



WB result of NUP155 antibody (66359-1-Ig, 1: 6000) with si-Control and si-NUP155 transfected HEK293 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66359-1-Ig (NUP155 Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66359-1-Ig (NUP155 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).