

For Research Use Only

# NUP155 Monoclonal antibody

Catalog Number: 66359-1-Ig

Featured Product

3 Publications



## Basic Information

|  |  |  |
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| <b>Catalog Number:</b><br>66359-1-Ig   | <b>GenBank Accession Number:</b><br>BC039257 | <b>Purification Method:</b><br>Protein A purification                |
| <b>Size:</b><br>150ul , Concentration: 2100 ug/ml by Nanodrop and 1500 ug/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>9631                | <b>CloneNo.:</b><br>1A7F2  |
| <b>Source:</b><br>Mouse  | <b>UNIPROT ID:</b><br>O75694                 | <b>Recommended Dilutions:</b><br>WB 1:2000-1:12000<br>IHC 1:50-1:500 |
| <b>Isotype:</b><br>IgG2a   | <b>Full Name:</b><br>nucleoporin 155kDa      |  |
| <b>Immunogen Catalog Number:</b><br>AG3638   | <b>Calculated MW:</b><br>1391 aa, 155 kDa    |  |
|  | <b>Observed MW:</b><br>140-155 kDa           |  |

## Applications

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| <b>Tested Applications:</b><br>WB, IHC, ELISA  | <b>Positive Controls:</b><br>WB : HEK293 cells, HeLa cells, ROS1728 cells<br>IHC : human breast cancer tissue, |
| <b>Cited Applications:</b><br>WB   |  |
| <b>Species Specificity:</b><br>human, rat  |  |
| <b>Cited Species:</b><br>human, rat, mouse   |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## 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          |
| Zi-Qiong Wang | 38504158  | BMC Cancer       | WB          |

## Storage

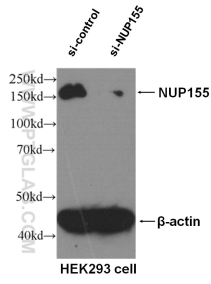
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

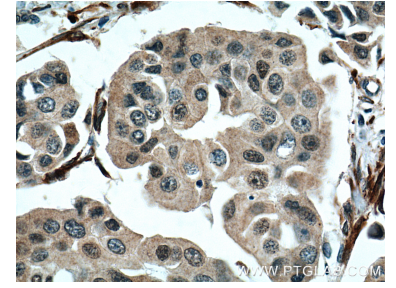
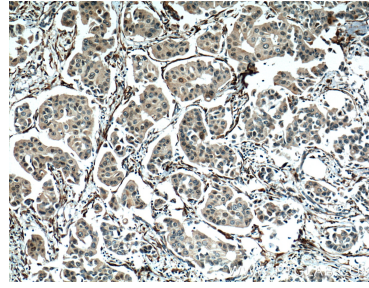
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).