

For Research Use Only

# HuR/ELAVL1 Monoclonal antibody, PBS Only



Catalog Number: 66549-1-PBS

Featured Product

## Basic Information

Catalog Number:

66549-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2249

GenBank Accession Number:

BC003376

GeneID (NCBI):

1994

UNIPROT ID:

Q15717

Full Name:

ELAV (embryonic lethal, abnormal  
vision, Drosophila)-like 1 (Hu antigen  
R)

Calculated MW:

326 aa, 36 kDa

Observed MW:

34-37 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11H2

## Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human, mouse, rat

## Background Information

ELAVL1, also named as HUR, belongs to the RRM elav family. It is involved in 3'-UTR ARE-mediated MYC stabilization. ELAVL1 binds avidly to the AU-rich element in FOS and IL3/interleukin-3 mRNAs. In the case of the FOS AU-rich element, ELAVL1 binds to a core element of 27 nucleotides that contain AUUUUA, AUUUUA and AUUUUUUA motifs.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

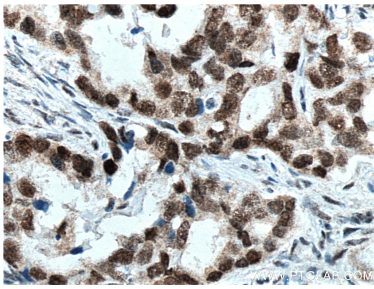
For technical support and original validation data for this product please contact:

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

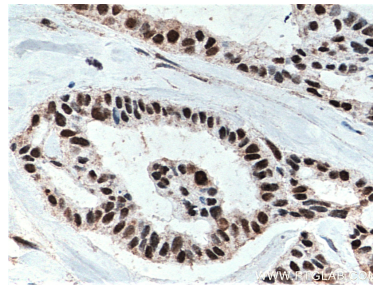
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

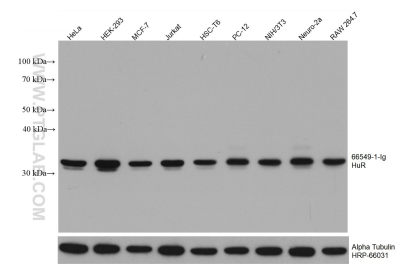
## Selected Validation Data



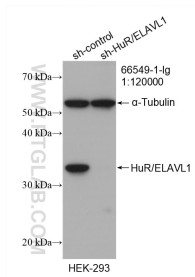
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 66549-1-Ig (HuR antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.



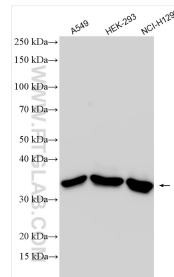
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66549-1-Ig (HuR antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.



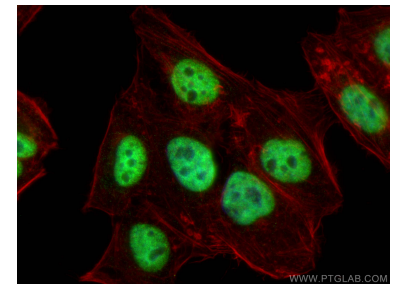
Various lysates were subjected to SDS PAGE followed by western blot with 66549-1-Ig (HuR/ELAVL1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.



WB result of HuR/ELAVL1 antibody (66549-1-Ig; 1:120000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HuR transfected HEK-293 cells. This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66549-1-Ig (HuR/ELAVL1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HuR/ELAVL1 antibody (66549-1-Ig, Clone: 1A11H2) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 66549-1-PBS in a different storage buffer formulation.