

For Research Use Only

# hIST1 Monoclonal antibody, PBS Only

Catalog Number: 66989-1-PBS



## Basic Information

Catalog Number:

66989-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28364

GenBank Accession Number:

BC000430

GeneID (NCBI):

9798

UNIPROT ID:

P53990

Full Name:

KIAA0174

Calculated MW:

40 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

1E12A7

## Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human, Mouse, Rat

## Background Information

Human increased sodium tolerance-1 (hIST1), encoded by KIAA0174 gene, is a newly reported endosomal sorting complexes required for transport (ESCRT)-III family member.

## 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

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

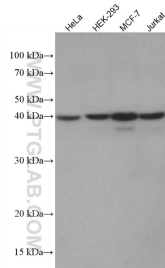
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

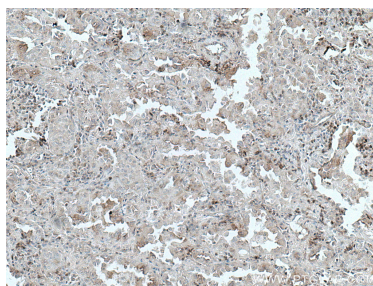
W: [ptgcn.com](http://ptgcn.com)

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

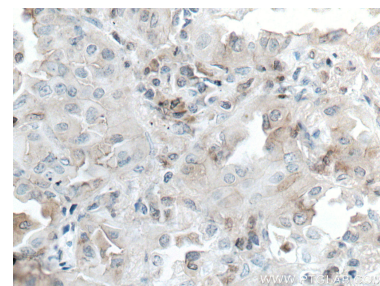
## Selected Validation Data



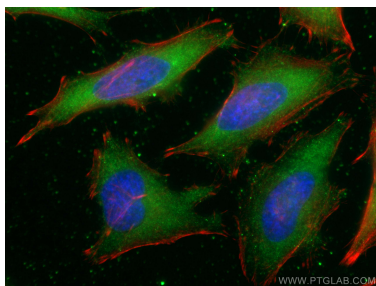
Various lysates were subjected to SDS PAGE followed by western blot with 66989-1-Ig (hIst1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66989-1-Ig (hIst1 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66989-1-Ig (hIst1 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66989-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using hIst1 antibody (66989-1-Ig, Clone: 1E12A7) 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 66989-1-PBS in a different storage buffer formulation.