For Research Use Only

HUS1 Monoclonal antibody, PBS Only

Catalog Number:67168-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67168-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG28527

GenBank Accession Number:
BC007013

GeneID (NCBI):
3364

UNIPROT ID:
O60921

Full Name:
HUS1 checkpoint homolog (S. pombe)

Calculated MW:
32 kDa

Observed MW:
32 kDa

Purification Method:
Protein G purification

CloneNo.:
1E8E9

Applications

Tested Applications:
WB,Indirect ELISA,IHC

Species Specificity:
Human

Background Information

Hus1 belongs to the Rad family, form a heterotrimeric clamp with Rad1and Rad9 that acts as a putative sensor for DNA damage. This complex plays an apical role in the DNA damage response, loss of a functional complex affects many downstream checkpoint pathways [PMID: 11340080]. It is also a key complex involved in the activation of the ATR pathway. 9-1-1 forms a ring-shaped heterotrimer, resembling the homotrimeric sliding clamp, proliferating cell nuclear antigen (PCNA) [PMID: 19535328].

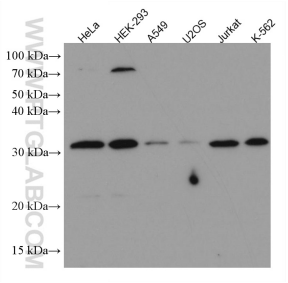
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

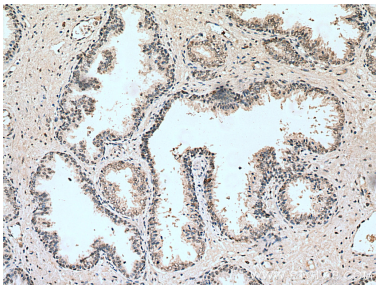
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 67168-1-Ig (HUS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67168-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 67168-1-Ig (HUS1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67168-1-PBS in a different storage buffer formulation.