For Research Use Only

U2AF2/U2AF65 Monoclonal antibody, PBS Only

Catalog Number:68166-1-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68166-1-PBS

Size:
1 mg/ml

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG8070

GenBank Accession Number:
BC008740

GeneID (NCBI):
11338

UNIPROT ID:
P26368

Full Name:
U2 small nuclear RNA auxiliary factor 2

Calculated MW:
54 kDa

Observed MW:
60-65 kDa

Purification Method:
Protein A purification

CloneNo.:
1B7E7

Applications

Tested Applications:
WB,Indirect ELISA,IHC,IF,FC

Species Specificity:
Human, rat, mouse

Background Information

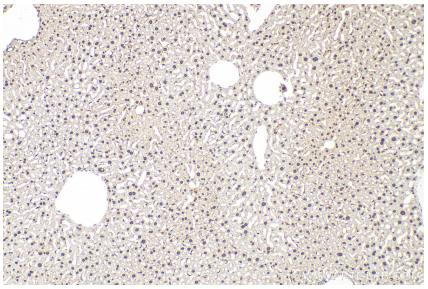
U2AF2, also named as U2 auxiliary factor 65 kDa subunit, is a 475 amino acid protein, which belongs to the splicing factor SR family. U2AF2 is Necessary for the splicing of pre-mRNA. By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain (CTD), pre-mRNA may couple transcription to splicing. The calculated molecular weight of U2AF2 is 53 kDa, but modified U2AF2 is about 65 kDa.

Storage

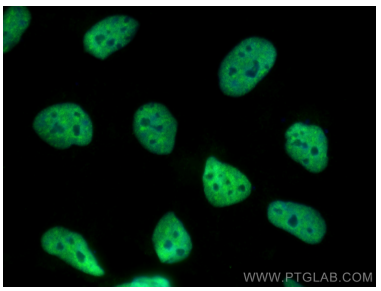
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

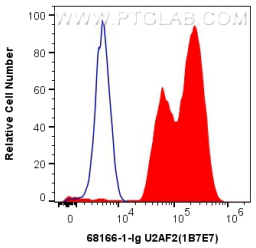
Selected Validation Data



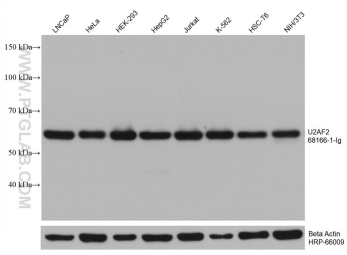
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



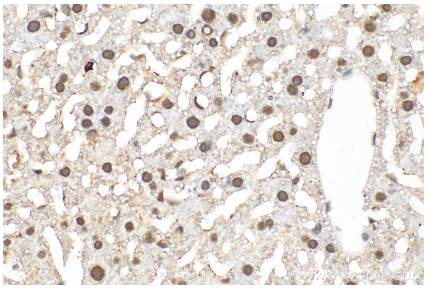
Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF2 antibody (68166-1-Ig, Clone: 1B7E7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



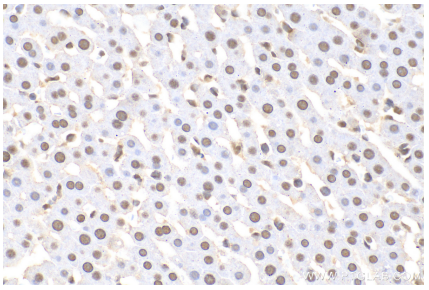
1X10^6 HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human U2AF2 (68166-1-Ig, Clone:1B7E7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer



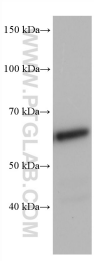
Various lysates were subjected to SDS PAGE followed by western blot with 68166-1-Ig (U2AF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



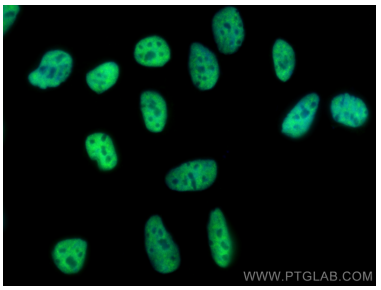
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



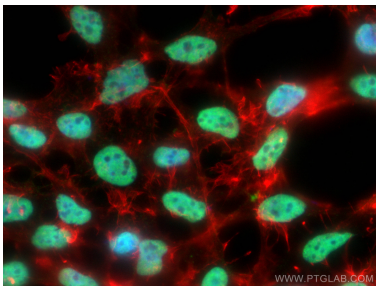
Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 68166-1-Ig (U2AF2 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



4T1 cells were subjected to SDS PAGE followed by western blot with 68166-1-Ig (U2AF2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF2 antibody (68166-1-Ig, Clone: 1B7E7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using U2AF2 antibody (68166-1-Ig, Clone: 1B7E7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68166-1-PBS in a different storage buffer formulation.