

For Research Use Only

# IVNS1ABP Recombinant monoclonal antibody, PBS Only

Catalog Number: 84268-1-PBS



## Basic Information

Catalog Number:

84268-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6412

GenBank Accession Number:

BC067739

GeneID (NCBI):

10625

UNIPROT ID:

Q9Y6Y0

Full Name:

influenza virus NS1A binding protein

Calculated MW:

72 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

241587B1

## Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse

## Background Information

IVNS1ABP is involved in many cell functions, including pre-mRNA splicing, the aryl hydrocarbon receptor (AHR) pathway, F-actin organization and protein ubiquitination. It may play a role in mRNA nuclear export.

## 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, pH7.3

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

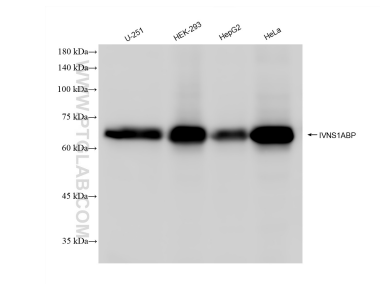
T: 4006900926

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

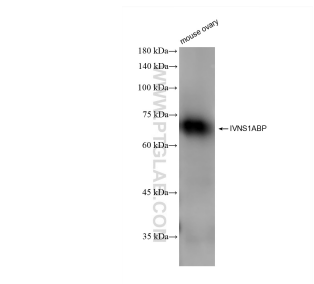
W: [ptgcn.com](http://ptgcn.com)

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

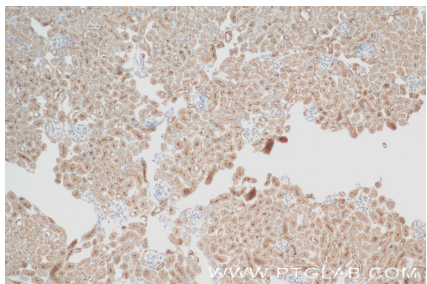
Selected Validation Data



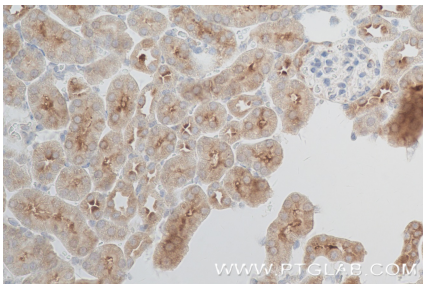
Various lysates were subjected to SDS PAGE followed by western blot with 84268-1-RR (IVNS1ABP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



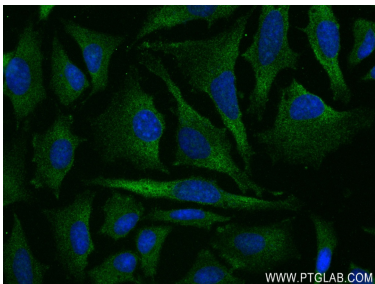
mouse ovary tissue were subjected to SDS PAGE followed by western blot with 84268-1-RR (IVNS1ABP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



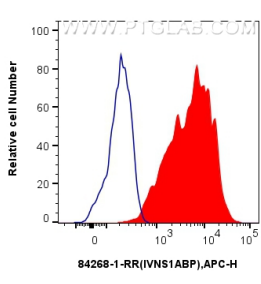
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 84268-1-RR (IVNS1ABP antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



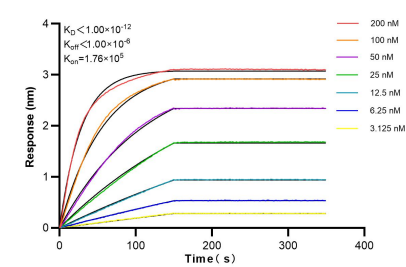
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 84268-1-RR (IVNS1ABP antibody) at dilution of 1:250 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IVNS1ABP antibody (84268-1-RR, Clone: 241587B1) at dilution of 1:250 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug IVNS1ABP Recombinant antibody (84268-1-RR, Clone:241587B1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer. This data was developed using the same antibody clone with 84268-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84268-1-RR against Human IVNS1ABP were performed. The affinity constant is below 1 pM.