

For Research Use Only

# BCAS2 Monoclonal antibody, PBS Only

Catalog Number: 68003-1-PBS



## Basic Information

Catalog Number:

68003-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21309

GenBank Accession Number:

BC005285

GeneID (NCBI):

10286

UNIPROT ID:

O75934

Full Name:

breast carcinoma amplified sequence

2

Calculated MW:

26 kDa

Observed MW:

28 kDa

Purification Method:

Protein G purification

CloneNo.:

2A12G1

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Breast carcinoma amplified sequence 2 (BCAS2) is preferentially known as pre-mRNA splicing factor SPF27 and was originally characterized as an up-regulated gene by amplification in human breast cancer cells. BCAS2 has been shown to be involved in DNA damage repair through the replication protein A (RPA) complex.

## 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:

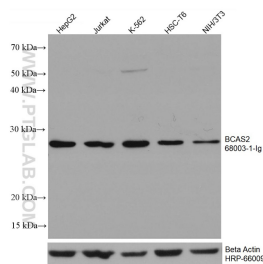
T: 4006900926

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

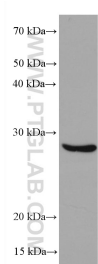
W: [ptgcn.com](http://ptgcn.com)

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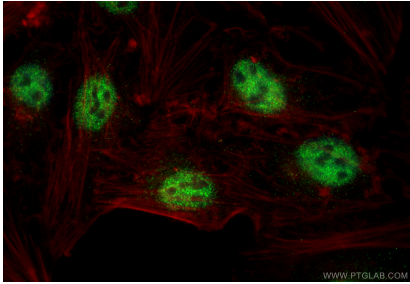
## Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 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 68003-1-PBS in a different storage buffer formulation.



LNCaP cells were subjected to SDS PAGE followed by western blot with 68003-1-Ig (BCAS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68003-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BCAS2 antibody (68003-1-Ig, Clone: 2A12G1) at dilution of 1:2000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68003-1-PBS in a different storage buffer formulation.