

For Research Use Only

# CSNK2B Monoclonal antibody, PBS Only



Catalog Number: 67866-1-PBS

Featured Product

## Basic Information

Catalog Number:

67866-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19180

GenBank Accession Number:

BC112017

GeneID (NCBI):

1460

UNIPROT ID:

P67870

Full Name:

casein kinase 2, beta polypeptide

Calculated MW:

215 aa, 25 kDa

Observed MW:

27 kDa

Purification Method:

Protein G purification

CloneNo.:

1B5A6

## Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human, mouse, rat, pig

## Background Information

CSNK2B is a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. It participates in Wnt signaling, and plays a complex role in regulating the basal catalytic activity of the alpha subunit.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

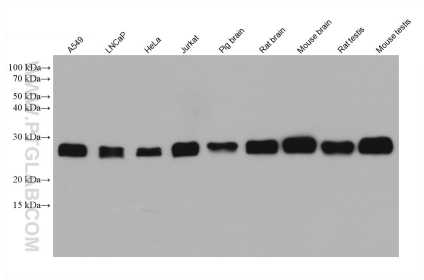
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

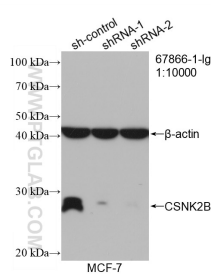
W: [ptglab.com](http://ptglab.com)

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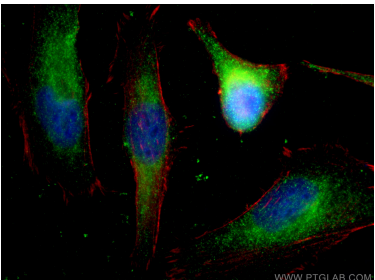
## Selected Validation Data



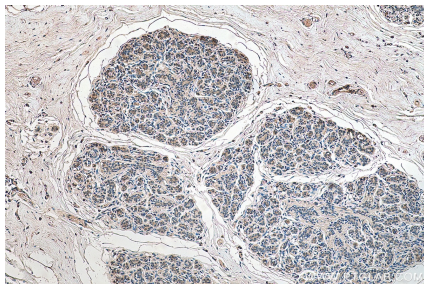
Various lysates were subjected to SDS PAGE followed by western blot with 67866-1-Ig (CSNK2B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67866-1-PBS in a different storage buffer formulation.



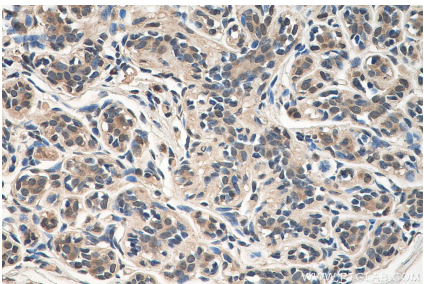
WB result of CSNK2B antibody (67866-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CSNK2B transfected MCF-7 cells. This data was developed using the same antibody clone with 67866-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CSNK2B antibody (67866-1-Ig, Clone: 1B5A6) 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 67866-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67866-1-Ig (CSNK2B antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67866-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67866-1-Ig (CSNK2B antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67866-1-PBS in a different storage buffer formulation.