

For Research Use Only

WNT2 Monoclonal antibody, PBS Only



Catalog Number: 66656-1-PBS

Featured Product

Basic Information

Catalog Number:

66656-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG25185

GenBank Accession Number:

BC029854

GeneID (NCBI):

7472

UNIPROT ID:

P09544

Full Name:

wingless-type MMTV integration site family member 2

Calculated MW:

40 kDa

Observed MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

3H7B10

Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

Human, mouse, rat

Background Information

Wnt2 is a secreted glycoprotein that is one of the canonical Wnt ligands. The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt2 is known to directly regulate β -catenin activity, the key player in proliferation and inflammation. Recently, studies have demonstrated that Wnt2 is overexpressed in various human cancers, including esophageal, gastric, colorectal, breast, lung, cervical, and malignant glioma.

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:

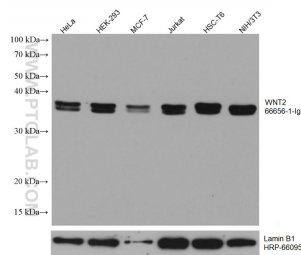
T: 4006900926

E: Proteintech-CN@ptglab.com

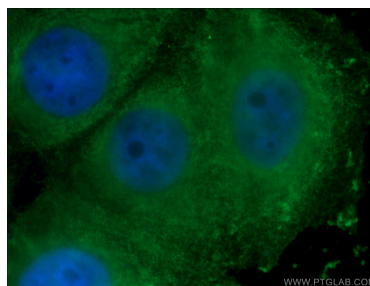
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66656-1-Ig (WNT2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control. This data was developed using the same antibody clone with 66656-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 66656-1-Ig (WNT2 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66656-1-PBS in a different storage buffer formulation.