

## DKK3 Monoclonal antibody, PBS Only

Catalog Number: 66758-1-PBS

## Basic Information

## Catalog Number:

66758-1-PBS

## Size:

1 mg/ml

## Source:

Mouse

## Isotype:

IgG2b

## Immunogen Catalog Number:

AG23615

## GenBank Accession Number:

BC007660

## GeneID (NCBI):

27122

## UNIPROT ID:

Q9UBP4

## Full Name:

dickkopf homolog 3 (Xenopus laevis)

## Calculated MW:

38 kDa

## Observed MW:

40 kDa, 50-55 kDa

## Purification Method:

Protein A purification

## CloneNo.:

4E6H6

## Applications

## Tested Applications:

WB, Indirect ELISA, IHC, IF

## Species Specificity:

Human, Mouse, Rat, Pig

## Background Information

DKK3, also named as REIC, belongs to the dickkopf family. It antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer's disease. The adenovirus carrying REIC/Dkk-3 (Ad-REIC) exhibits a potent tumor-specific cell-killing function for various human cancers. It has also become evident that some human cancers are resistant to Ad-REIC-induced apoptosis. The DKK3 is a Glycosylation protein with MW about 55 kDa or 38-43 kDa.

## 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

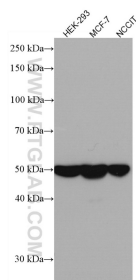
For technical support and original validation data for this product please contact:

T: 4006900926

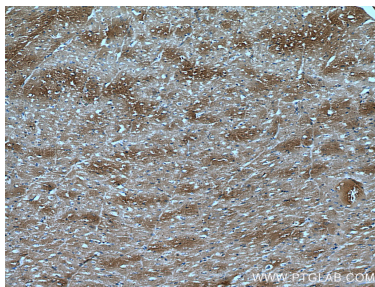
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

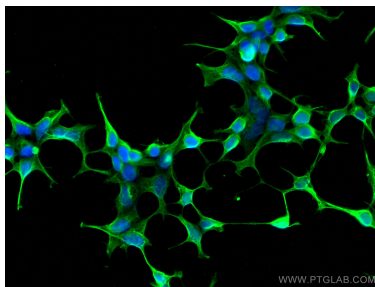
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66758-1-Ig (DKK3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66758-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66758-1-Ig (DKK3 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66758-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using DKK3 antibody (66758-1-Ig, Clone: 4E6H6 ) 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 66758-1-PBS in a different storage buffer formulation.