

For Research Use Only

# TCN2 Monoclonal antibody, PBS Only

Catalog Number: 66377-1-PBS



## Basic Information

Catalog Number:

66377-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG2825

GenBank Accession Number:

BC011239

GeneID (NCBI):

6948

UNIPROT ID:

P20062

Full Name:

transcobalamin II; macrocytic anemia

Calculated MW:

400 aa, 44 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

2G6D2

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

TCN2 (Transcobalamin-2) is a vitamin B12 (cobalamin; Cbl) binding and transport protein in plasma that facilitates the cellular uptake of the vitamin. TCN2 is secreted in a constitutive fashion in most cells. Plasma TCN2 levels have been reported to be elevated in a number of diverse human diseases. Defects in TCN2 are cause of transcobalamin-2 deficiency. (10714245)

## 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:

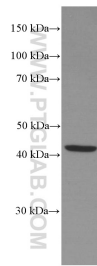
T: 4006900926

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



HUVEC cells were subjected to SDS PAGE followed by western blot with 66377-1-Ig (TCN2 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66377-1-PBS in a different storage buffer formulation.