

# TCN2 Monoclonal antibody

Catalog Number: 66377-1-Ig

## Basic Information

**Catalog Number:**

66377-1-Ig

**Size:**

1880 µg/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

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HUVEC cells, A549 cells

## 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:**

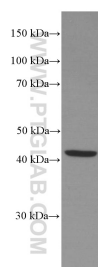
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.