

For Research Use Only

# TCN2 Monoclonal antibody

Catalog Number: 66377-1-Ig



## Basic Information

<b>Catalog Number:</b> 66377-1-Ig	<b>GenBank Accession Number:</b> BC011239	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1880 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6948	<b>CloneNo.:</b> 2G6D2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P20062	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Isotype:</b> IgG2b	<b>Full Name:</b> transcobalamin II; macrocytic anemia	
<b>Immunogen Catalog Number:</b> AG2825	<b>Calculated MW:</b> 400 aa, 44 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HUVEC cells, A549 cells
<b>Species Specificity:</b> 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

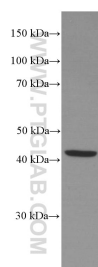
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

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