

For Research Use Only

TCN2 Monoclonal antibody

Catalog Number: 66377-1-Ig



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HUVEC cells, A549 cells
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 -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

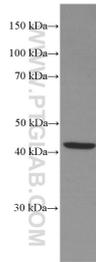
For technical support and original validation data for this product please contact:

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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.