

For Research Use Only

Thrombospondin 1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88117-1-PBS



Basic Information

Catalog Number: 88117-1-PBS	GenBank Accession Number: NM_003246	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7057	CloneNo.: 260191E11
Source: Rabbit	UNIPROT ID: P07996	
Isotype: IgG	Full Name: thrombospondin 1	
Immunogen Catalog Number: AG29129	Calculated MW: 129 kDa	
	Observed MW: 160-180 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Thrombospondin 1(TSP-1), an extracellular matrix protein, is the first identified natural angiogenesis inhibitor. A variety of normal cells, including endothelial cells, fibroblasts, adipocytes, smooth muscle cells, monocytes, macrophages, and transformed cells such as malignant glioma cells, secrete Thrombospondin 1. It regulates cellular phenotype during tissue genesis and repair. It acts as a molecular facilitator by bringing together cytokines, growth factors, matrix components, membrane receptors and extracellular proteases. Thrombospondin 1 binds to a wide variety of integrin and non-integrin cell surface receptors. It is also a major activator of transforming growth factor (TGFβ1). Secreted TSP1 is a glycoprotein with a molecular mass of 150-180 kDa.

Storage

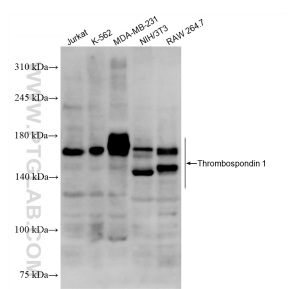
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

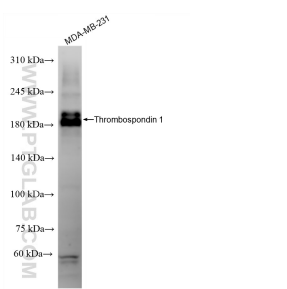
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 88117-1-RR (Thrombospondin 1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88117-1-PBS in a different storage buffer formulation.



MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 88117-1-RR (Thrombospondin 1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88117-1-PBS in a different storage buffer formulation.