

Thrombospondin 1 Recombinant monoclonal antibody

Catalog Number: 88117-1-RR

Basic Information

Catalog Number: 88117-1-RR	GenBank Accession Number: NM_003246	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 7057	CloneNo.: 260191E11
Isotype: IgG	UNIPROT ID: P07996	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG29129	Full Name: thrombospondin 1	
	Calculated MW: 129 kDa	
	Observed MW: 160-180 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, MDA-MB-231 cells, K-562 cells, NIH/3T3 cells, RAW 264.7 cells

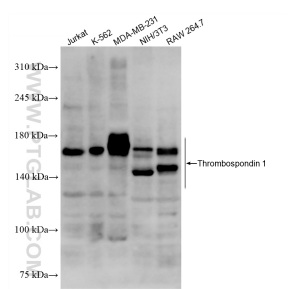
Background Information

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 (TGF β 1). Secreted TSP1 is a glycoprotein with a molecular mass of 150-180 kDa.

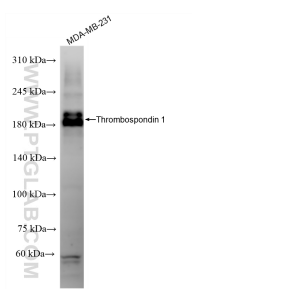
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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.



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.