

For Research Use Only

Thrombospondin 1 Monoclonal antibody



Catalog Number: 67241-1-Ig

Basic Information

Catalog Number:

67241-1-Ig

Size:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29129

GenBank Accession Number:

NM_003246

GeneID (NCBI):

7057

Full Name:

thrombospondin 1

Calculated MW:

129 kDa

Observed MW:

160 kDa

Purification Method:

Protein G purification

CloneNo.:

2A3E1

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB,ELISA

Species Specificity:

Human, rat, mouse

Positive Controls:

WB : HepG2 cells, NIH/3T3 cells, rat spleen tissue

Background Information

TSP1, also named as THBS1, THBS and TSP, is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions, and which can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1, alpha-V/beta-3 and alpha-IIb/beta-3. TSP1 is a regulator of many biological processes including cell growth, adhesion, migration, platelet aggregation, and fibrin deposition and lysis. It interacts with a number of plasma proteins such as fibrinogen and plasminogen and co-polymerizes with fibrin in clot formation. Secreted TSP1 is a glycoprotein with a molecular mass of 150-180 kDa.

Storage

Storage:

Store at -20°C.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

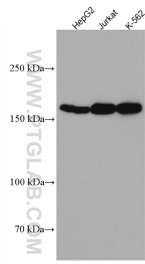
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67241-1-Ig (THBS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.