
Thrombospondin I (A65M) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250261

Unit: 0.2 mg

Description:

Thrombospondin 1 (TSP1) is a multidomain, multifunctional glycoprotein from platelets and certain vascular cells which has been shown to play an important role in cell-cell and cell-matrix interactions. TSP1 is a calcium-sensitive, disulfide-bonded trimer with a subunit molecular mass of 150 kDa. TSP1 exists in different conformational states depending on the calcium ion concentration used in the purification buffers. This antibody is highly specific for the low-calcium conformation (0.1 mmol/l) of human TSP1. There is no evidence of cross-reactivity with other connective tissue proteins (vitronectin, fibronectin, elastin, collagen, laminin). Cross-reactivity with thrombospondins from other species has not been tested.

Isotype: Mouse IgG1

Applications: E, IHC, IP

Species Reactivity: B, H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Thrombospondin-1; THBS1; TSP; TSP1

Accession No.: P07996

Antigen: Extracellular matrix material from cultured bovine corneal endothelial cells

Application Notes: Product Cat. No. 250261 can be used for immunoprecipitation and for immunostaining of frozen periodate-lysine-paraformaldehyde-fixed sections of bovine and human tissues. Product Cat. No. 250261 can also be used to probe for the low-calcium conformation of thrombospondin. E: 1:200; IHC: 1:40

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.