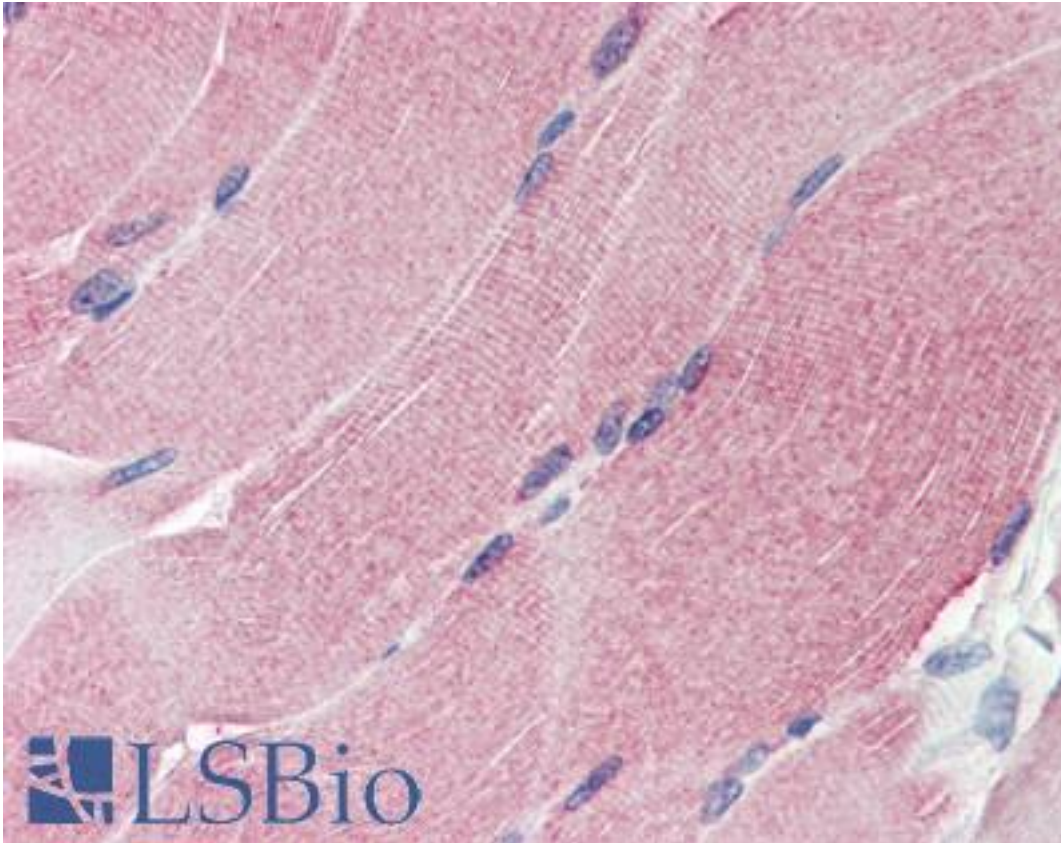


Thrombospondin 1 Mouse anti-Human Monoclonal (Azide-free) (A6.1) Antibody - LS-B2570 - LSBio	
CatalogID:	LS-B2570
Validation:	This antibody replaces catalog number LS-C26351. It has been validated for use in the following assays: IHC-P.
Target:	Thrombospondin
Host	Mouse
Clonality:	Monoclonal
Isotype:	IgG1
Clone Name:	A6.1
Modifications:	Azide-free
Immunogen Species:	Human
Immunogen:	Reduced and alkylated purified human TSP (fully denatured) from the supernatant of thrombin-activated platelets. MW of Antigen: ~450kD (non-reduced), 170-180kD (reduced). Epitope: Collagen Type V-binding domain of TSP.
Specificity:	Recognizes Thrombospondin. Shows no cross-reactivity with fibronectin, fibrinogen and von Willebrand factor. Shows a mild cross-reaction with TSP 2. Inhibits TSP-collagen interaction. Antibody binding to TSP is unaffected by glycosaminoglycans (e. g. hyaluronic acid, chondroitin sulfate and heparin). Its binding is enhanced by EDTA i. e. at low concentration of Ca ²⁺ . Species cross-reactivity: Human, bovine, porcine, equine, canine, sheep, mouse and rat.
Reactivity:	Human, Mouse, Rat, Bovine, Dog, Horse, Pig, Sheep
Purification:	Protein G purified
Presentation:	PBS, pH 7.4.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2570 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2570 was determined to be 10 ug/ml.
Uses:	IHC - Paraffin (10 µg/ml), Immunofluorescence, Western blot, Immunoprecipitation, Flow Cytometry (Optimal dilution to be determined by the researcher)
Size:	50 µl
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-Thrombospondin antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2570 concentration 10 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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