

Thrombospondin 1 Monoclonal Antibody (C6.7)

Product Details

Size	500 µL
Species Reactivity	Bovine, Dog, Horse, Human, Sheep, Pig, Rat
Published Species	Pig, Rat, Mouse, Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	C6.7
Conjugate	Unconjugated
Immunogen	Ca2+-replete, native purified human TSP from supernatant of thrombin-activated platelets
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10979326

Applications	Tested Dilution	Publications
Western Blot (WB)	1-2 µg/mL	3 Publications
Immunocytochemistry (ICC/IF)	Assay-dependent	2 Publications
Flow Cytometry (Flow)	Assay-dependent	1 Publication
ELISA (ELISA)	-	2 Publications
Immunoprecipitation (IP)	2 µg/mL	-
Neutralization (Neu)	-	10 Publications
Functional Assay (FN)	-	1 Publication
Immunomicroscopy (IM)	Assay-dependent	-
Inhibition Assays (IA)	-	1 Publication

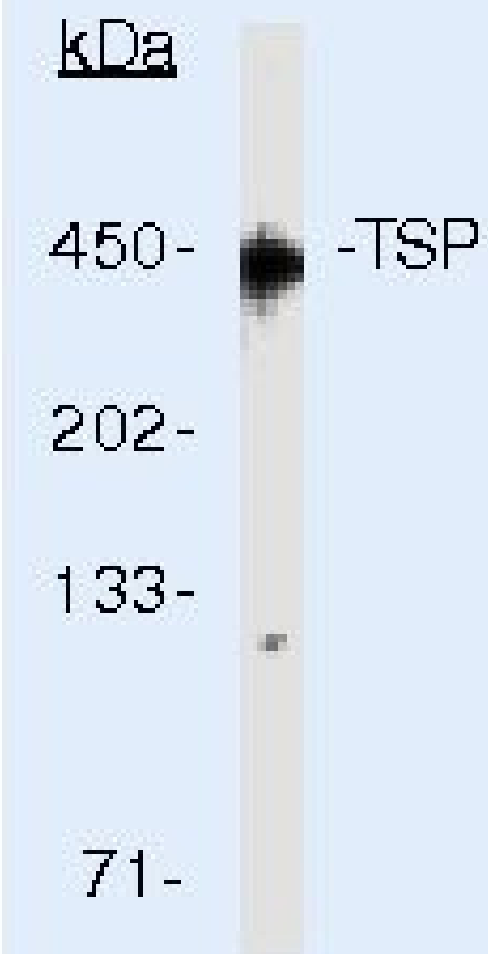
Product Specific Information

MA5-13390 targets Thrombospondin in FACS, IF, IM, IP, and WB applications and shows reactivity with Bovine, Canine, Equine, Human, Ovine, Porcine, and Rat samples.

The MA5-13390 immunogen is ca2+-replete, native purified human TSP from supernatant of thrombin-activated platelets.

Product Images For Thrombospondin 1 Monoclonal Antibody (C6.7)

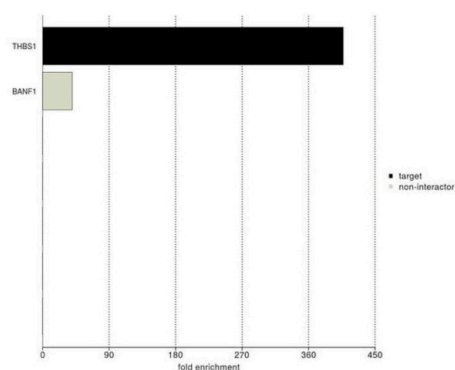
Non-reducing Gel



Western Blot
Human Cells-14

Thrombospondin 1 Antibody (MA5-13390) in WB

Western blot of Thrombospondin using Thrombospondin Monoclonal Antibody (Product # MA5-13390) on HUVEC Cells.

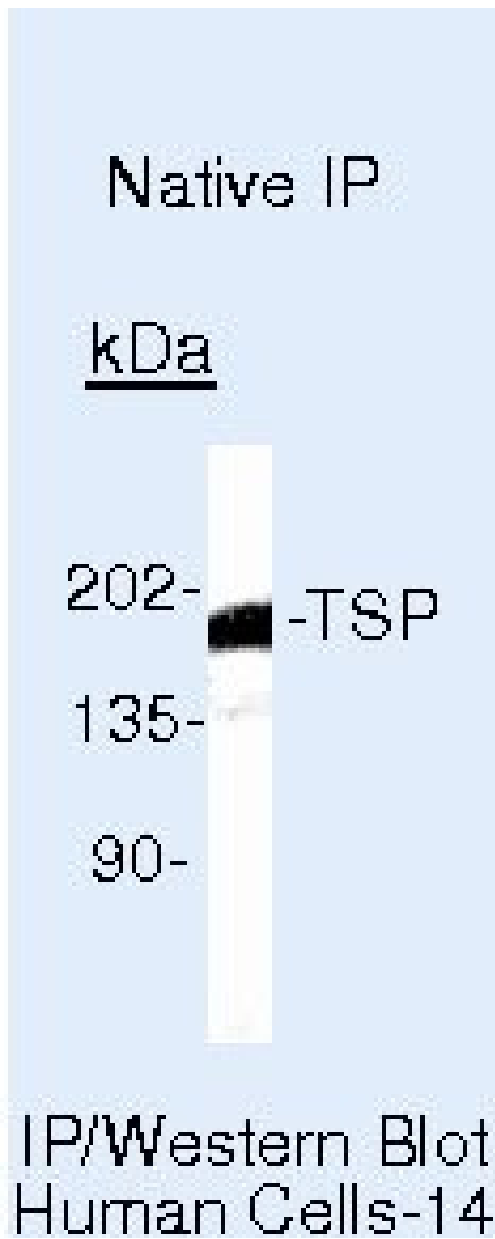


Thrombospondin 1 Antibody (MA5-13390)

IP-MS enrichment of THBS1 (LFQ intensity): THBS1 was enriched 407-fold from A549 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and THBS1 antibody (Product # MA5-13390). The STRING database (www.string-db.org) was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. {IP-MS}

Thrombospondin 1 Antibody (MA5-13390) in IP

Immunoprecipitation of Thrombospondin using Thrombospondin Monoclonal Antibody (Product # MA5-13390) on Native Human HUVEC Cells.



[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (3)

Experimental gerontology

Adipose-derived stromal vascular fraction cells isolated from old animals exhibit reduced capacity to support the formation of microvascular networks.

"MA5-13390 was used in western blot to study the effect of advancing age on the capacity of the stromal vascular fraction to stimulate neovascularization."

Authors: Aird AL,Nevitt CD,Christian K,Williams SK,Hoying JB,LeBlanc AJ

Year
2015

Species
Rat

Dilution
1:500

Immunology

Regulation of T-lymphocyte motility, adhesion and de-adhesion by a cell surface mechanism directed by low density lipoprotein receptor-related protein 1 and endogenous thrombospondin-1.

"MA5-13390 was used in western blot to study the roles of LRP-1 and thrombospondin -1 in regulating the motility and adhesion/de-adhesion of T-cells"

Authors: Talme T,Bergdahl E,Sundqvist KG

Year
2014

Species
Human

[View more WB references on thermofisher.com](#)

Immunocytochemistry (2)

Journal of immunology (Baltimore, Md. : 1950)

Autocrine regulation of T cell motility by calreticulin-thrombospondin-1 interaction.

"MA5-13390 was used in immunocytochemistry to study the role of the calreticulin-thrombospondin-1 interaction in autocrine regulation of T cell motility"

Authors: Li SS,Forsl w A,Sundqvist KG

Year
2005

Molecular and cellular biology

Thrombospondin 2 regulates cell proliferation induced by Rac1 redox-dependent signaling.

"MA5-13390 was used in immunocytochemistry to investigate the relationship between thrombospondin 2 and Rac1"

Authors: Lopes N,Gregg D,Vasudevan S,Hassanain H,Goldschmidt-Clermont P,Kovacic H

Year
2003

Species
Human

Dilution
150 µg/mL

More applications with references on thermofisher.com

Flow (1) ELISA (2) Neu (10) FN (1) IA (1)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.