abcam

Product datasheet

Anti-THBS4 antibody [EPR22922-232] ab263898

重组 RabMAb

3 References 9 图像

概述

产品名称	Anti-THBS4抗体[EPR22922-232]
描述	兔单克隆抗体[EPR22922-232] to THBS4
宿主	Rabbit
经测试应用	**适用于:** Flow Cyt (Intra), WB, ICC/IF, IP **不适用于:** IHC-P
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human skeletal muscle, human serum, mouse skeletal muscle, human articular cartilage, mouse kidney, mouse articular cartilage, rat heart and rat articular cartilage lysates. ICC/IF: C2C12 and L6 cells. Flow Cyt (intra): C2C12 and L6 cells. IP: Human and mouse skeletal muscle whole cell lysate.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆

克隆编号	EPR22922-232
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab263898于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/700.
WB		1/1000. Predicted molecular weight: 106 kDa.
ICC/IF		1/100.
IP		1/30.

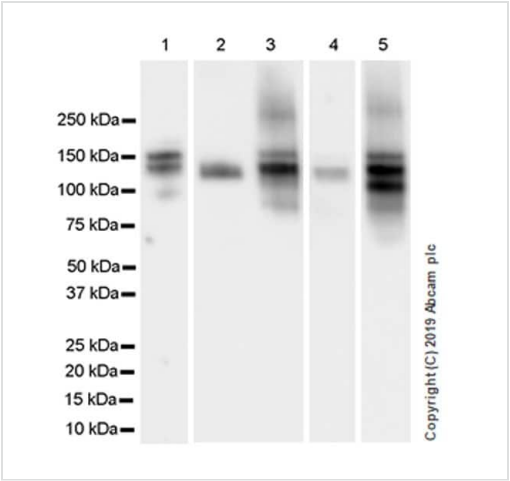
应用说明 Is unsuitable for IHC-P.

靶标

功能 Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin and type V collagen.

序列相似性 Belongs to the thrombospondin family.
Contains 4 EGF-like domains.
Contains 1 TSP C-terminal (TSPC) domain.
Contains 1 TSP N-terminal (TSPN) domain.
Contains 8 TSP type-3 repeats.

图片



Western blot - Anti-THBS4 antibody [EPR22922-232] (ab263898)

All lanes : Anti-THBS4 antibody [EPR22922-232] (ab263898) at 1/1000 dilution

Lane 1 : Human articular cartilage lysate
Lane 2 : Mouse kidney lysate
Lane 3 : Mouse articular cartilage lysate
Lane 4 : Rat heart lysate
Lane 5 : Rat articular cartilage lysate

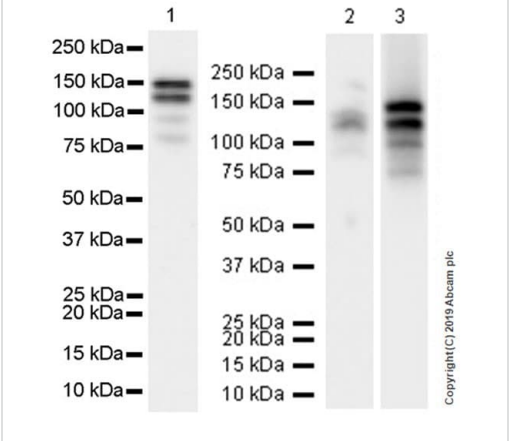
Lysates/proteins at 20 µg per lane.

Secondary
Lane 1 : VeriBlot for IP Detection Reagent (HRP) (**ab131366**) at 1/1000 dilution
Lanes 2-5 : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 106 kDa

The expression profile & molecular weight observed is consistent with what has been described in the literature (PMID: 17182969, 27581066, 30669608, 7852353, 12663449).

Exposure times: Lanes 1-4: 15 seconds; Lane 5: 6 seconds.



Western blot - Anti-THBS4 antibody [EPR22922-232] (ab263898)

All lanes : Anti-THBS4 antibody [EPR22922-232] (ab263898) at 1/1000 dilution

Lane 1 : Human skeletal muscle lysate
Lane 2 : Human serum lysate
Lane 3 : Mouse skeletal muscle lysate

Lysates/proteins at 20 µg per lane.

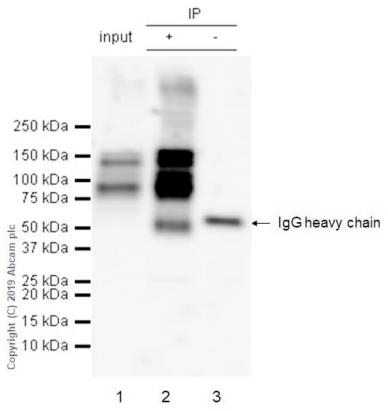
Secondary
Lanes 1-2 : VeriBlot for IP Detection Reagent (HRP) (**ab131366**) at 1/1000 dilution
Lane 3 : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 106 kDa
Observed band size: 100,120,140,75 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

The expression profile & molecular weight observed is consistent with what has been described in the literature (PMID: 17182969, 27581066, 30669608, 7852353, 12663449).

Exposure times: Lane 1: 48 secs; Lane 2: 6 secs; Lane 3: 1 sec.



Immunoprecipitation - Anti-THBS4 antibody [EPR22922-232] (ab263898)

THBS4 was immunoprecipitated from 0.35 mg mouse skeletal muscle lysate 10µg with ab263898 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab263898 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used at 1/1000 dilution.

Lane 1: Mouse skeletal muscle lysate 10µg

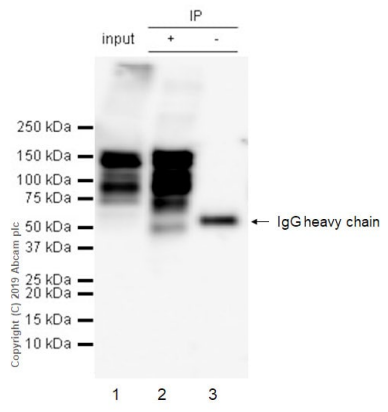
Lane 2: ab263898 IP in mouse skeletal muscle lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab263868** in mouse skeletal muscle lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 seconds.

The expression profile and molecular weight observed is consistent with what has been described in the literature (PMID:30669608).



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Lane 1: Human skeletal muscle lysate 10µg

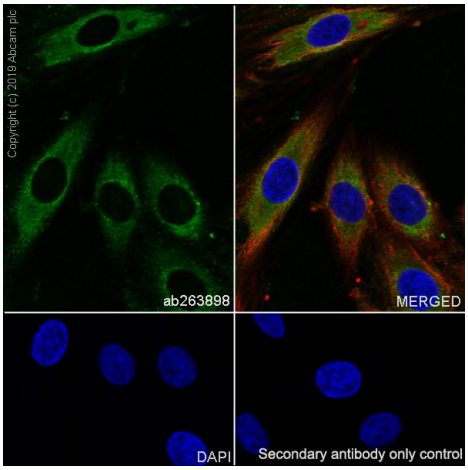
Lane 2: ab263898 IP in human skeletal muscle lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab263868** in human skeletal muscle lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 seconds.

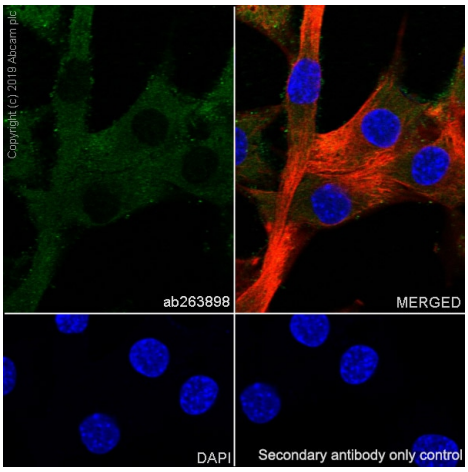
The expression profile and molecular weight observed is consistent with what has been described in the literature (PMID:30669608).



Immunocytochemistry/ Immunofluorescence - Anti-THBS4 antibody [EPR22922-232] (ab263898)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized L6 (Rat skeletal muscle myoblast) cells labeling THBS4 with ab263898 at 1/100 (6.9 µg/ml) dilution, followed by **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 (2 µg/ml) dilution (Green). Confocal image showing cytoplasmic staining in L6 cell line is observed. **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The nuclear counterstain was DAPI (Blue).

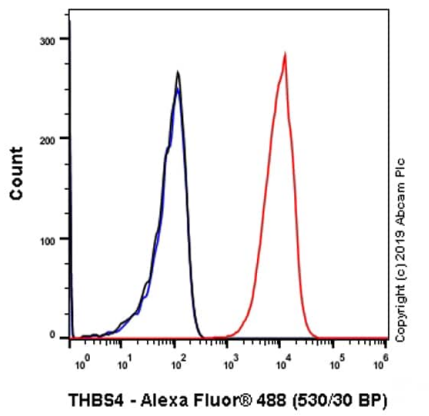
Secondary antibody only control: **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 µg/ml) dilution.



Immunocytochemistry/ Immunofluorescence - Anti-THBS4 antibody [EPR22922-232] (ab263898)

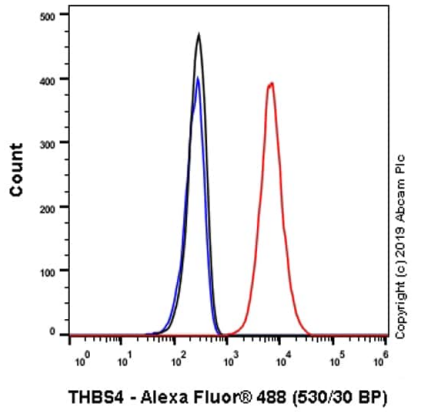
Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized C2C12 (Mouse myoblast) cells labeling THBS4 with ab263898 at 1/100 (6.9 µg/ml) dilution, followed by **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 (2 µg/ml) dilution (Green). Confocal image showing cytoplasmic staining in C2C12 cell line is observed. **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The nuclear counterstain was DAPI (Blue).

Secondary antibody only control: **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 µg/ml) dilution.



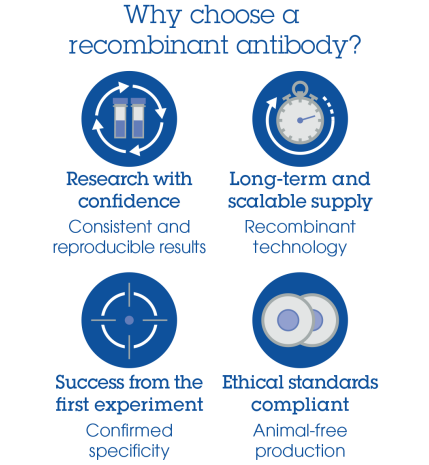
Flow Cytometry (Intracellular) - Anti-THBS4 antibody [EPR22922-232] (ab263898)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized L6 (Rat skeletal muscle myoblast) cells labeling THBS4 with ab263898 at 1/700 (Red) compared with a Rabbit monoclonal IgG (**ab172730**) / Black isotype control and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.



Flow Cytometry (Intracellular) - Anti-THBS4 antibody [EPR22922-232] (ab263898)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized C2C12 (Mouse myoblasts myoblast) cells labeling THBS4 with ab263898 at 1/700 (Red) compared with a Rabbit monoclonal IgG (**ab172730**) / Black isotype control and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.



Anti-THBS4 antibody [EPR22922-232] (ab263898)

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