

Product datasheet

Anti-MSP/MST1 antibody [EPR22184-180] α b245190

Recombinant **RabMAb**

[1 References](#) [3 Images](#)

Overview

Product name	Anti-MSP/MST1 antibody [EPR22184-180]
Description	Rabbit monoclonal [EPR22184-180] to MSP/MST1
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-Fr, IHC-P or IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Mouse MSP/MST1 active protein (aa1-716); Mouse serum.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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 .

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22184-180
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab245190 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 81,60 kDa (predicted molecular weight: 81 kDa).

Application notes

Is unsuitable for ICC/IF, IHC-Fr, IHC-P or IP.

Target

Function

Probably has no proteolytic activity, since crucial characteristic of serine proteases catalytic sites are not conserved.

Sequence similarities

Belongs to the peptidase S1 family. Plasminogen subfamily.

Contains 4 kringle domains.

Contains 1 PAN domain.

Contains 1 peptidase S1 domain.

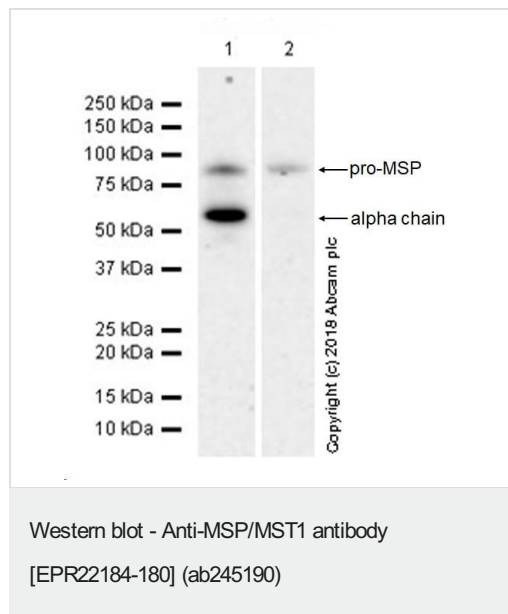
Post-translational modifications

May be cleaved after Arg-483, to yield two chains held together by disulfide bonds, or two separate polypeptides.

Cellular localization

Secreted.

Images



All lanes : Anti-MSP/MST1 antibody [EPR22184-180] (ab245190)
at 1/1000 dilution

Lane 1 : Mouse serum

Lane 2 : Mouse liver lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at
1/100000 dilution

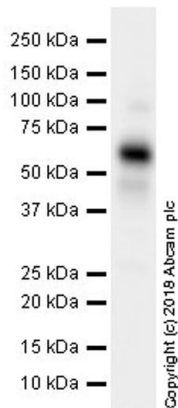
Predicted band size: 81 kDa

Observed band size: 60, 80 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.

Pro-MSP is proteolytically cleaved into alpha and beta chain. The expression profile and molecular weight observed is consistent with what has been described in the literature (PMID: 8393443;8609228;7732008;11856768).



Western blot - Anti-MSP/MST1 antibody
[EPR22184-180] (ab245190)

Anti-MSP/MST1 antibody [EPR22184-180] (ab245190) at 1/1000 dilution + Mouse MSP/MST1 active protein 20 ng (aa1-716)

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 81 kDa

Exposure time: 6 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

The positive band (~60-kDa) is the MSP alpha chain.

Why choose a recombinant antibody?



Anti-MSP/MST1 antibody [EPR22184-180]
(ab245190)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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