abcam

ab185540

Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)]

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR15452(B)
Purification technique	Affinity purification Protein A
Concentration	0.969 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human
Dilution info	1/1000
Notes	-

Expected

Species	Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Mouse
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/250
Notes	-

Expected

Species	Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Mouse
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/180
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Expected

Species	Rat
Dilution info	Use at an assay dependent concentration.
Notes	-

Predicted

Species	Mouse
Dilution info	-
Notes	-

IHC-P

Tested

Species	Rat
Dilution info	1/100
Notes	-

Species	Human
Dilution info	1/100
Notes	-

Predicted

Species	Mouse
Dilution info	-
Notes	-

Target data

See full target information METAP1

Function	Cotranslationally removes the N-terminal methionine from nascent proteins. The N-terminal methionine is often cleaved when the second residue in the primary sequence is small and uncharged (Met-Ala-, Cys, Gly, Pro, Ser, Thr, or Val). Required for normal progression through the cell cycle.

Storage

Shipped at conditions	Conditional Ambient
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
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 batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

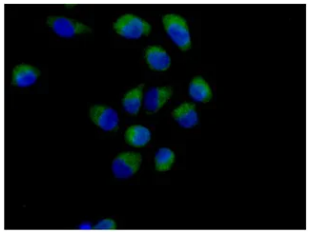
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

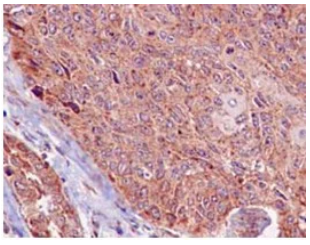
6 product images



Immunocytochemistry/ Immunofluorescence - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

Methionyl Aminopeptidase 1/MAP 1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Methionyl Aminopeptidase 1/MAP 1 antibody

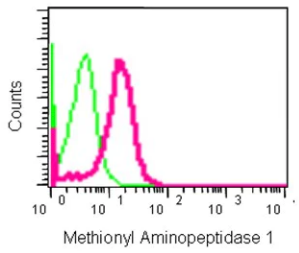
Immunofluorescent analysis of 4% paraformaldehyde fixed A375 cells labeling Methionyl Aminopeptidase 1/MAP 1 with ab185540 at 1/250 dilution. Secondary antibody Goat anti rabbit IgG (Alexa Fluor®488) at a 1/200 dilution. Counterstained with Dapi blue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

Methionyl Aminopeptidase 1/MAP 1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Methionyl Aminopeptidase 1/MAP 1 antibody

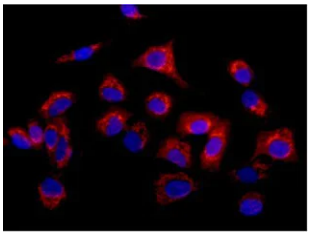
Immunohistochemical analysis of paraffin-embedded Human cervix carcinoma tissue labeling Methionyl Aminopeptidase 1/MAP 1 with ab185540 at 1/100 dilution. Counter stain Hematoxylin. Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

Methionyl Aminopeptidase 1/MAP 1 Flow Cytometry (Intracellular) staining using rabbit Anti-Methionyl Aminopeptidase 1/MAP 1 antibody

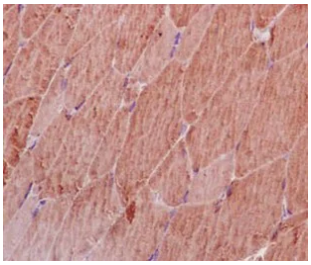
Intracellular Flow Cytometry analysis of 2% paraformaldehyde fixed A375 cells labeling Methionyl Aminopeptidase 1/MAP 1 with ab185540 at 1/180 dilution (pink) or a rabbit IgG isotype control (green), followed by secondary Goat anti rabbit IgG (FITC) at 1/150 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

Methionyl Aminopeptidase 1/MAP 1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Methionyl Aminopeptidase 1/MAP 1 antibody

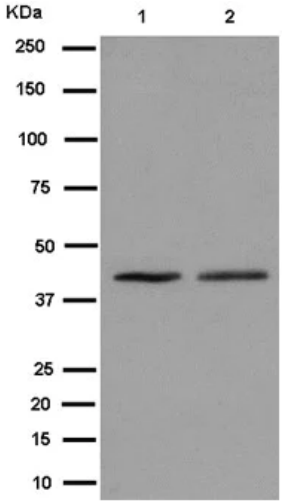
Immunofluorescent analysis of 4% paraformaldehyde fixed A549 cells labeling Methionyl Aminopeptidase 1/MAP 1 with ab185540 at 1/250 dilution. Secondary antibody Goat anti rabbit IgG (Alexa Fluor®555) at a 1/200 dilution. Counterstained with Dapi blue.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

Methionyl Aminopeptidase 1/MAP 1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Methionyl Aminopeptidase 1/MAP 1 antibody

Immunohistochemical analysis of paraffin-embedded Rat skeletal muscle tissue labeling Methionyl Aminopeptidase 1/MAP 1 with ab185540 at 1/100 dilution. Counter stain Hematoxylin. Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Western blot - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540)

All lanes:
Western blot - Anti-Methionyl Aminopeptidase 1/MAP 1 antibody [EPR15452(B)] (ab185540) at 1/1000 dilution

Lane 1:
A375 cell lysate at 10 µg

Lane 2:
HUVEC cell lysate at 10 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 43 kDa

Observed band size: 43 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.