

Product datasheet

Anti-MBIP antibody [EPR13952] ab181040

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-MBIP antibody [EPR13952]
Description	Rabbit monoclonal [EPR13952] to MBIP
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	293T, HepG2, HeLa and Caco-2 cell lysates. HepG2 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR13952
Isotype	IgG

Applications

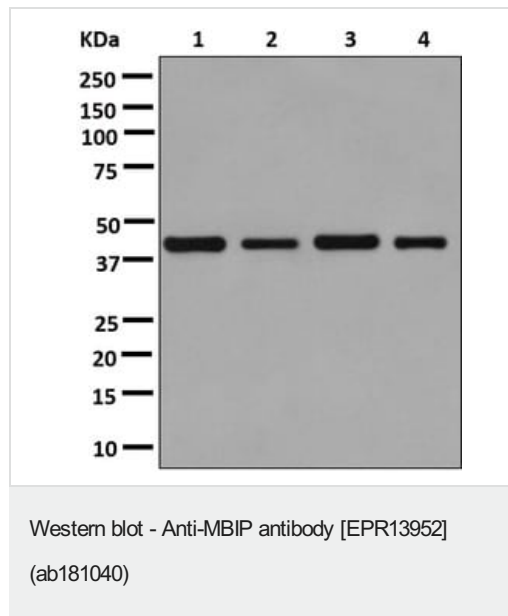
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab181040 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 39 kDa.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

Target

Function	Inhibits the MAP3K12 activity to induce the activation of the JNK/SAPK pathway. Component of the ATAC complex, a complex with histone acetyltransferase activity on histones H3 and H4.
Tissue specificity	Ubiquitous. High expression seen in the heart and lung.
Cellular localization	Nucleus. Cytoplasm. Shows a cytoplasmic localization when coexpressed with MAP3K12.

Images



All lanes : Anti-MBIP antibody [EPR13952] (ab181040) at 1/1000 dilution

Lane 1 : 293T (Human embryonic kidney epithelial cell) cell lysate

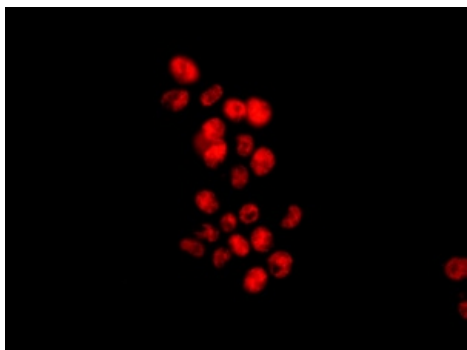
Lane 2 : HepG2 cell lysate

Lane 3 : Hela cell lysate

Lane 4 : Caco-2 cell lysate

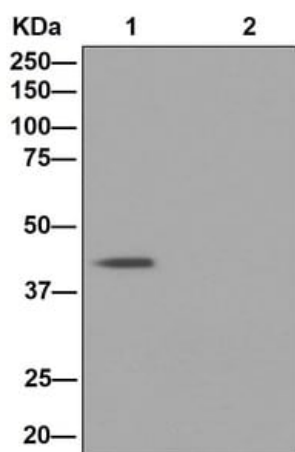
Lysates/proteins at 10 µg per lane.

Predicted band size: 39 kDa



Immunocytochemistry/ Immunofluorescence - Anti-MBIP antibody [EPR13952] (ab181040)





Immunofluorescent staining of HepG2 cells labeling MBIP with ab181040 at 1/100 dilution.



Immunoprecipitation - Anti-MBIP antibody [EPR13952] (ab181040)

Western blot analysis on immunoprecipitation pellet from (Lane 1) 293T cell lysate or (Lane 2) 1XPBS (negative control) using ab181040 at 1/10 dilution for IP, and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-MBIP antibody [EPR13952] (ab181040)

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

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