


Product datasheet

Anti-MORC3 antibody [EPR10113(B)] ab150398

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-MORC3 antibody [EPR10113(B)]
Description	Rabbit monoclonal [EPR10113(B)] to MORC3
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human MORC3 aa 900-1000 (C terminal). The exact sequence is proprietary.
Positive control	Human skeletal muscle and fetal heart lysates.
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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR10113(B)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab150398 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 - 1/10000. Predicted molecular weight: 107 kDa.

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

Target

Function Nuclear factor which forms MORC3-NBs (nuclear bodies) via an ATP-dependent mechanism (PubMed:20501696). Sumoylated MORC3-NBs can also associate with PML-NBs (PubMed:20501696). Recruits TP53 and SP100 to PML-NBs, thus regulating TP53 activity (PubMed:17332504). Binds RNA in vitro (PubMed:11927593). May be required for influenza A transcription during viral infection (PubMed:26202233).

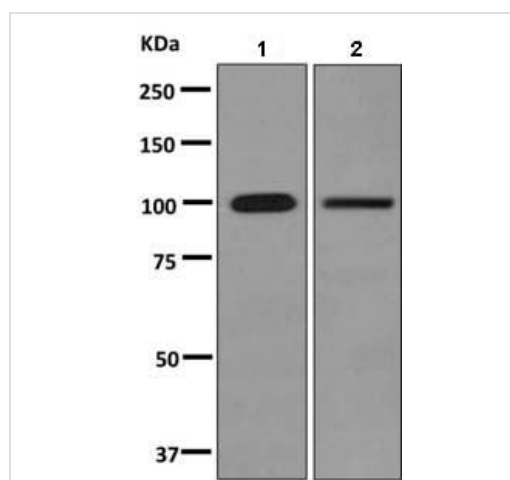
Tissue specificity Expressed in heart, placenta, skeletal muscle, brain, pancreas, lung, liver, but not kidney.

Sequence similarities Contains 1 CW-type zinc finger.

Post-translational modifications Sumoylation is involved in interaction with PML and localization to PML nuclear bodies.

Cellular localization Nucleus, nucleoplasm. Nucleus matrix. Nucleus, PML body. Also found in PML-independent nuclear bodies. Localization to nuclear bodies is ATP-dependent.

Images



Western blot - Anti-MORC3 antibody [EPR10113(B)]
(ab150398)

All lanes : Anti-MORC3 antibody [EPR10113(B)] (ab150398) at
1/1000 dilution

Lane 1 : Human skeletal
muscle lysate

Lane 2 : Fetal heart lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 107 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-MORC3 antibody [EPR10113(B)] (ab150398)

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

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