


## Product datasheet

# HRP Anti-MSI2 antibody [EP1305Y] ab199252

Recombinant RabMAb

2 Images

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | HRP Anti-MSI2 antibody [EP1305Y]  |
| <b>Description</b>         | HRP Rabbit monoclonal [EP1305Y] to MSI2   |
| <b>Host species</b>        | Rabbit  |
| <b>Conjugation</b>         | HRP   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse, Rat   |
| <b>Immunogen</b>           | Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) corresponding to Human MSI2 aa 250 to the C-terminus.<br>(Peptide available as <a href="#">ab136164</a> )  |
| <b>Epitope</b>             | Based on the immunogen sequence for this antibody, it is not predicted to detect the shorter isoforms of MSI2.  |
| <b>Positive control</b>    | WB: SW480 whole cell lysate.  |
| <b>General notes</b>       | <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise<sup>™</sup> guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> |

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

## Properties

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|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark. |
| <b>Storage buffer</b>       | pH: 7.40<br>Preservative: 0.1% 10% Proclin 300 Solution<br>Constituents: PBS, 30% Glycerol, 1% BSA   |
| <b>Purity</b>               | Protein A purified   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | EP1305Y  |
| <b>Isotype</b>              | IgG  |

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab199252** 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          |           | 1/5000. Detects a band of approximately 39,37 kDa (predicted molecular weight: 35 kDa). |

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## Target

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|   |   |
|---|---|
| <b>Function</b>                         | RNA binding protein that regulates the expression of target mRNAs at the translation level. May play a role in the proliferation and maintenance of stem cells in the central nervous system. |
| <b>Tissue specificity</b>               | Ubiquitous; detected at low levels.   |
| <b>Involvement in disease</b>           | Note=Chromosomal aberrations involving MSI2 may contribute to disease progression in chronic myeloid leukemia. Translocation t(7;17)(p15;q23) with HOXA9; translocation t(7;17)(q32-34;q23).  |
| <b>Sequence similarities</b>            | Belongs to the Musashi family.<br>Contains 2 RRM (RNA recognition motif) domains.   |
| <b>Post-translational modifications</b> | Phosphorylated.   |
| <b>Cellular localization</b>            | Cytoplasm. Associated with polysomes.   |

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## Images

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Western blot - HRP Anti-MSI2 antibody [EP1305Y] (ab199252)

HRP Anti-MSI2 antibody [EP1305Y] (ab199252) at 1/5000 dilution  
 + SW480 (Human colon adenocarcinoma cell line) Whole Cell  
 Lysate at 20 µg

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 35 kDa





**Observed band size:** 37,39 kDa

[why is the actual band size different from the predicted?](#)

**Exposure time:** 8 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab199252 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

Why choose a recombinant antibody?

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

HRP Anti-MSI2 antibody [EP1305Y] (ab199252)

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

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