




Product datasheet

Anti-MND1 antibody ab235395

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

Overview

| | |
|----------------------------|---|
| Product name | Anti-MND1 antibody |
| Description | Rabbit polyclonal to MND1 |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P |
| Species reactivity | Reacts with: Human Predicted to work with: Mouse, Cow  |
| Immunogen | Recombinant full length protein corresponding to Human MND1 aa 1 to the C-terminus. Database link: Q9BWT6  Run BLAST with  Run BLAST with |
| Positive control | WB: Jurkat whole cell lysate. IHC-P: Human gastric cancer and endometrial cancer tissue. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</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 | pH: 7.40 Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol (glycerin, glycerine), PBS |
| Purity | Protein G purified |
| Purification notes | Purity >95% |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab235395 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. |
| IHC-P | | 1/20 - 1/200. |

Target

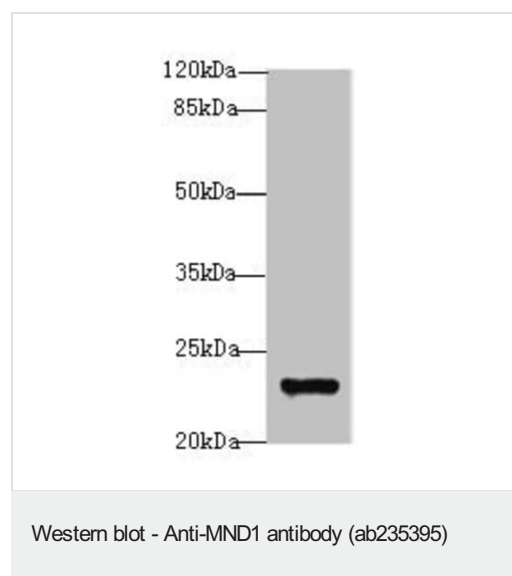
Relevance

The product of the MND1 gene associates with HOP2 to form a stable heterodimeric complex that binds DNA and stimulates the recombinase activity of RAD51 and DMC1 (Chi et al., 2007 [PubMed 17639080]). Both the MND1 and HOP2 genes are indispensable for meiotic recombination.

Cellular localization

Nuclear

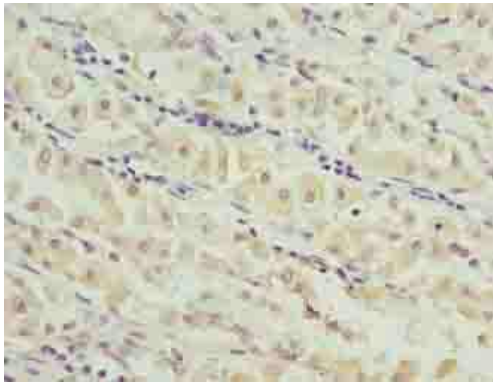
Images



Anti-MND1 antibody (ab235395) at 1/1000 dilution + Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

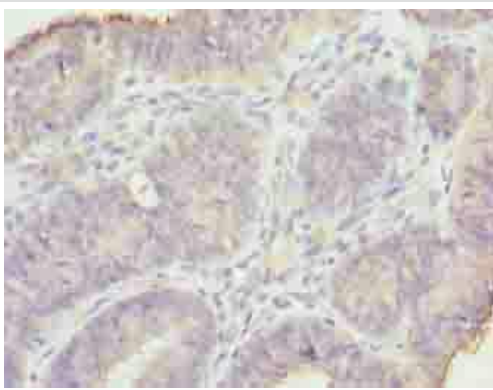
Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MND1 antibody (ab235395)

Paraffin-embedded human gastric cancer tissue stained for MND1 with ab235395 (1/100 dilution) in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MND1 antibody (ab235395)

Paraffin-embedded human endometrial cancer tissue stained for MND1 with ab235395 (1/100 dilution) in immunohistochemical analysis.

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

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