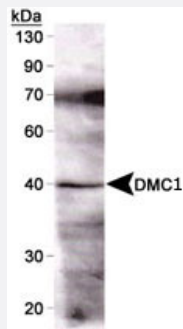


DMC1 monoclonal antibody, clone 1D12/4

Catalog # MAB2349 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot detection of DMC1 (37 kDa) from mouse testis using DMC1 monoclonal antibody, clone 1D12/4 (Cat #MAB2349) (1 : 1000).

Specification

| | |
|----------------------------|---|
| Product Description | Mouse monoclonal antibody raised against recombinant DMC1. |
| Immunogen | Recombinant His fusion protein corresponding to human DMC1. |
| Host | Mouse |
| Reactivity | Human, Mouse |
| Specificity | This antibody is specific to DMC-1. |
| Form | Liquid |
| Isotype | IgG1 |
| Recommend Usage | Western Blot (1:1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In buffer containing 0.09% sodium azide |
| Storage Instruction | Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing. |

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot detection of DMC1 (37 kDa) from mouse testis using DMC1 monoclonal antibody, clone 1D12/4 (Cat #MAB2349) (1 : 1000).

Gene Info — DMC1

Entrez GeneID [11144](#)

Protein Accession# [Q14565](#)

Gene Name DMC1

Gene Alias DMC1H, HsLim15, LIM15, MGC150472, MGC150473, dJ199H16.1

Gene Description DMC1 dosage suppressor of mck1 homolog, meiosis-specific homologous recombination (yeast)

Omim ID [602721](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is essential for meiotic homologous recombination. Genetic recombination in meiosis plays an important role in generating diversity of genetic information. The product of this gene is structurally and evolutionary related to the products of the yeast RAD51 and E. coli RecA genes. Alternative splice variants of this gene have been described but their full-length nature has not been determined. [provided by RefSeq]

Other Designations DMC1 dosage suppressor of mck1 homolog|DMC1 homologue|disrupted meiotic cDNA1, yeast, homolog of|meiotic recombination protein DMC1/LIM15 homolog

Publication Reference

- [Consequences of the selective blockage of chaperone-mediated autophagy.](#)

Massey AC, Kaushik S, Sovak G, Kiffin R, Cuervo AM.

PNAS 2006 Apr; 103(15):5805.

Disease

- [Azoospermia](#)
- [Breast Neoplasms](#)
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- [Oligospermia](#)
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