

Anti-DMC1 antibody [2H12/4] ab11054

★★★★★ **3 Abreviews** **24 References** **画像数 1**

製品の概要

製品名	Anti-DMC1 antibody [2H12/4]
製品の詳細	Mouse monoclonal [2H12/4] to DMC1
由来種	Mouse
特異性	Specific for DMC1 - does not cross-react with the related protein Rad51. The antibody was tested on mouse meiotic chromosomes. It allowed localisation of the Dmc1 protein as numerous foci in the Leptotene and Zygotene stages of meiotic prophase, and fewer foci in the early Pachytene stage of meiotic prophase.
アプリケーション	適用あり: IP, WB, IHC-P, Flow Cyt, ICC/IF
種交差性	交差種: Mouse, Rat, Cow, Human
免疫原	Recombinant fusion protein (Human).
ポジティブ・コントロール	ICC:mouse meiotic chromosomes
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	2H12/4
ミエローマ	Sp2/0-Ag14

アプリケーション

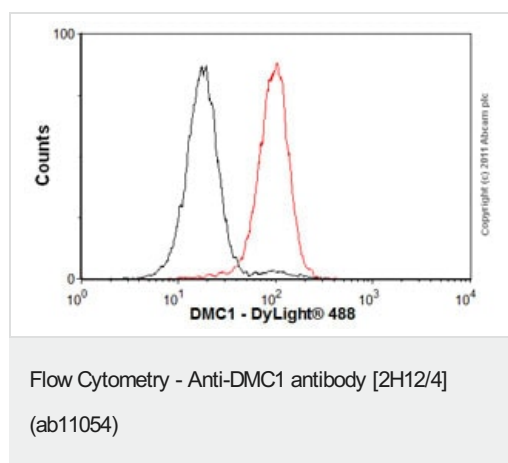
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab11054の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent concentration.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF	★★★☆☆ (1)	Use at an assay dependent concentration. Fix cells using a 4% paraformaldehyde solution and permeabilize using SDS (0.03% in a 4% paraformaldehyde solution). Incubate antibody overnight.

ターゲット情報

機能	May participate in meiotic recombination, specifically in homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks.
配列類似性	Belongs to the RecA family. DMC1 subfamily. Contains 1 HhH domain.
細胞内局在	Nucleus. Chromosome.

画像



Overlay histogram showing HeLa cells stained with ab11054 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab11054, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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