

### Anti-Mus81 antibody [MTA30 2G10/3] ab14387

★★★★☆ [11 Abreviews](#) [55 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-Mus81 antibody [MTA30 2G10/3]
製品の詳細	Mouse monoclonal [MTA30 2G10/3] to Mus81
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, Flow Cyt
種交差性	<b>交差種:</b> Human <b>非交差種:</b> Mouse
免疫原	Mus81 protein.
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&amp;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
特記事項(精製)	from TCS
ポリ/モノ	モノクローナル
クローン名	MTA30 2G10/3
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG2a

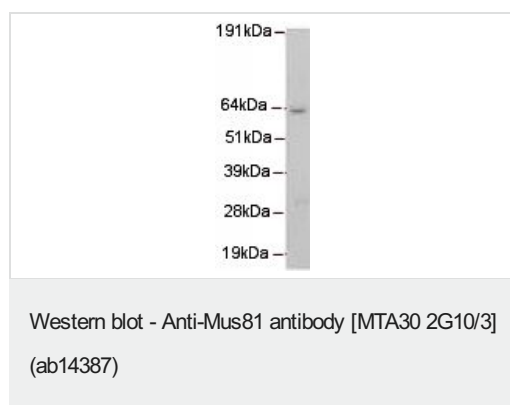
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab14387の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (7)	1/1000. Detects a band of approximately 64 kDa (predicted molecular weight: 66 kDa). Tested on both recombinant protein and whole cell extract.
Flow Cyt		Use 0.5µg for 10 <sup>6</sup> cells. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

### ターゲット情報

機能	Interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks.
組織特異性	Widely expressed.
配列類似性	Belongs to the XPF family. Contains 1 ERCC4 domain.
発生段階	Expressed in S phase and G2 phase.
細胞内局在	Nucleus > nucleolus. Recruited to foci of DNA damage in S-phase cells.

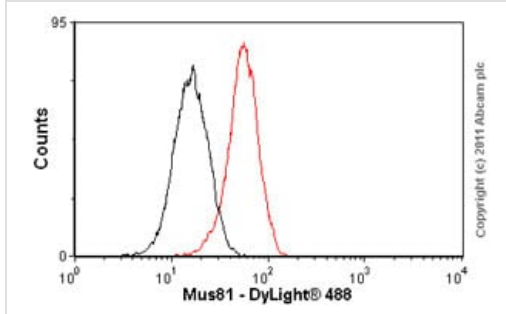
### 画像



Anti-Mus81 antibody [MTA30 2G10/3] (ab14387) at 1/1000 dilution  
+ HeLa cell lysate

**Predicted band size:** 66 kDa

**Observed band size:** 64 kDa



Flow Cytometry - Anti-Mus81 antibody [MTA30 2G10/3] (ab14387)

Overlay histogram showing HeLa cells stained with ab14387 (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 (ab14387, 0.5µg/1x10<sup>6</sup> 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/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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