

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

★★★★★ 11 Abreviews 55 References 2 图像

概述

产品名称	Anti-Mus81抗体[MTA30 2G10/3]
描述	小鼠单克隆抗体[MTA30 2G10/3] to Mus81
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt
种属反应性	与反应: Human 不与反应: Mouse
免疫原	Mus81 protein.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
纯度	Protein A purified
纯化说明	from TCS
克隆	单克隆
克隆编号	MTA30 2G10/3
骨髓瘤	Sp2/0-Ag14
同种型	IgG2a

The Abpromise guarantee **Abpromise™**承诺保证使用ab14387于以下的经测试应用

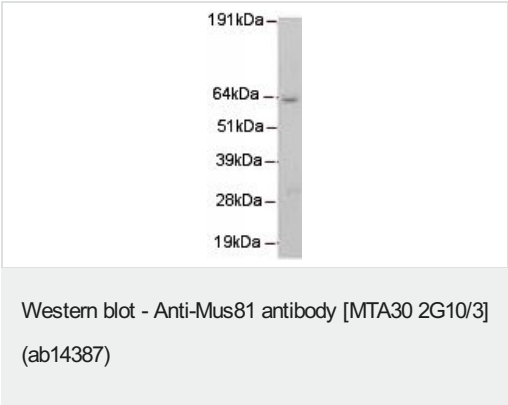
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

靶标

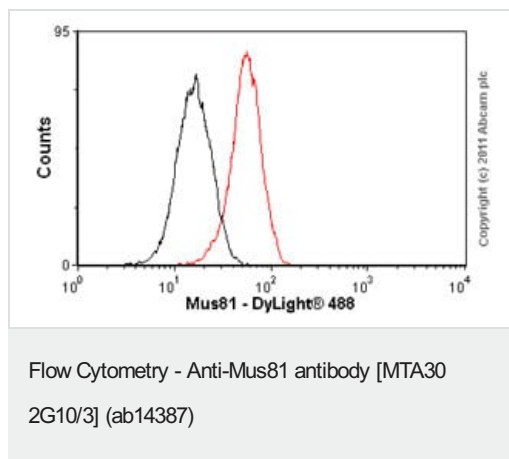
功能	Interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks.
组织特异性	Widely expressed.
序列相似性	Belongs to the XPF family. Contains 1 ERCC4 domain.
发展阶段	Expressed in S phase and G2 phase.
细胞定位	Nucleus > nucleolus. Recruited to foci of DNA damage in S-phase cells.

图片



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

Predicted band size: 66 kDa
Observed band size: 64 kDa



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/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.

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

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