

Anti-MMS22L (C6ORF167) antibody [EPR13654] ab181047

重组 RabMAb

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概述

产品名称	Anti-MMS22L (C6ORF167)抗体[EPR13654]
描述	兔单克隆抗体[EPR13654] to MMS22L (C6ORF167)
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa, K562 and HCT-116 whole cell lysate; K562 cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol, 59% PBS, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR13654
同种型	IgG

The Abpromise guarantee **Abpromise™**承诺保证使用ab181047于以下的经测试应用

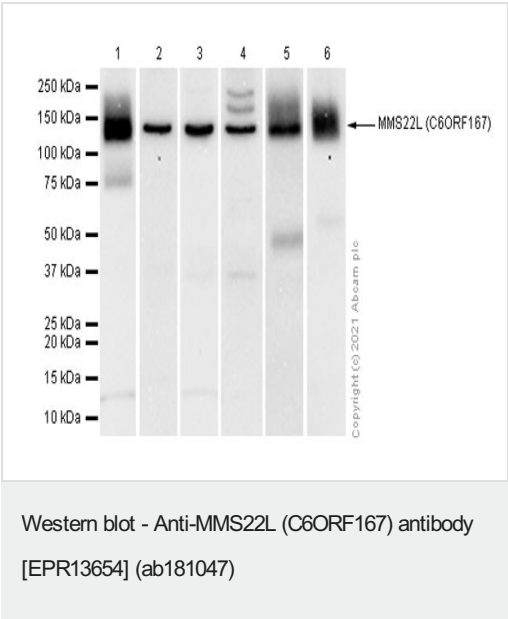
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/2000. Detects a band of approximately 130 kDa (predicted molecular weight: 142 kDa).
IP		1/20.

靶标

功能	Component of the MMS22L-TONSL complex, a complex that stimulates the recombination-dependent repair of stalled or collapsed replication forks. The MMS22L-TONSL complex is required to maintain genome integrity during DNA replication by promoting homologous recombination-mediated repair of replication fork-associated double-strand breaks. It may act by mediating the assembly of RAD51 filaments on ssDNA.
序列相似性	Belongs to the MMS22 family. MMS22L subfamily.
细胞定位	Nucleus. Localizes to DNA damage sites, accumulates at stressed replication forks.

图片



All lanes : Anti-MMS22L (C6ORF167) antibody [EPR13654] (ab181047) at 1/1000 dilution (Purified)

Lane 1 : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 2 : A549 (Human lung carcinoma epithelial cell) whole cell lysate

Lane 3 : LLC1 (Mouse lung carcinoma) whole cell lysate

Lane 4 : Mouse testis lysate

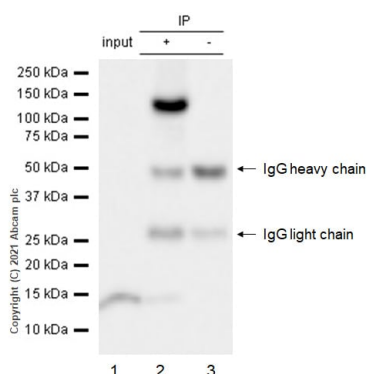
Lane 5 : Mouse spleen lysate

Lane 6 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 142 kDa



Immunoprecipitation - Anti-MMS22L (C6ORF167)
antibody [EPR13654] (ab181047)

Purified ab181047 at 1:20 dilution (0.5µg) immunoprecipitating MMS22L (C6ORF167) in HeLa whole cell lysate.

Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate 10 µg.

Lane 2 (+): ab181047 + HeLa whole cell lysate.

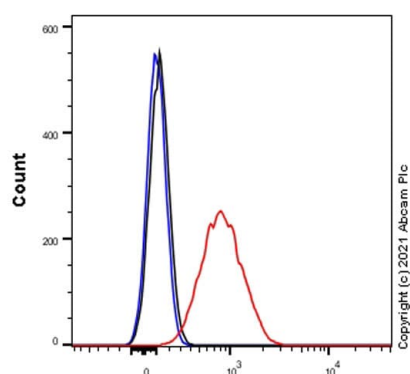
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab181047 in HeLa whole cell lysate.

VeriBlot for IP Detection Reagent (HRP)(**ab131366**) (1:5000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.

Observed band size: kDa



MMS22L (C6ORF167) – Alexa Fluor®488 (530/30BP)

Flow Cytometry (Intracellular) - Anti-MMS22L
(C6ORF167) antibody [EPR13654] (ab181047)

Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labelling MMS22L (C6ORF167) with Purified ab181047 at 1:20 dilution (5 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150081**) secondary antibody was used at 1:2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (Blue).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-MMS22L (C6ORF167) antibody [EPR13654]
(ab181047)

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

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