

Anti-MPG/AAG antibody [EPR10959(B)] ab155092

敲除验证
重组
RabMAb

★★★★★
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概述

产品名称	Anti-MPG/AAG抗体[EPR10959(B)]
描述	兔单克隆抗体[EPR10959(B)] to MPG/AAG
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, Flow Cyt (Intra)
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa, 293T and Jurkat cell lysates; Human testis tissue and ovarian carcinoma tissue.
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. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR10959(B)

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab155092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	★★★★★ (3)	1/10000 - 1/50000. Predicted molecular weight: 33 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		Use at an assay dependent concentration.

靶标

功能

Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions.

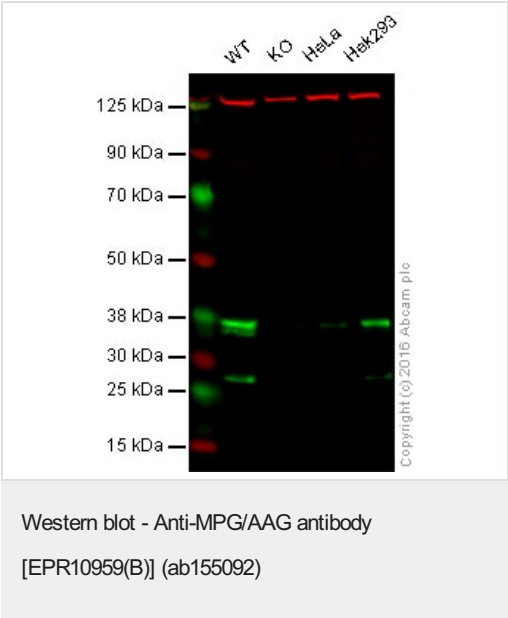
序列相似性

Belongs to the DNA glycosylase MPG family.

细胞定位

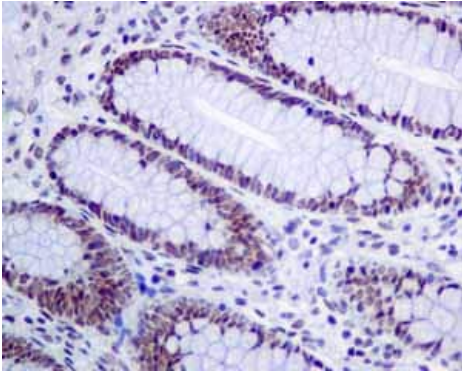
Nucleus.

图片



Lane 1: Wild-type HAP1 cell lysate (20 µg)
Lane 2: MPG/AAG knockout HAP1 cell lysate (20 µg)
Lane 3: HeLa cell lysate (20 µg)
Lane 4: HEK293 cell lysate (20 µg)
Lanes 1 - 4: Merged signal (red and green). Green - ab155092 observed at 35 kDa. Red - loading control, [ab8245](#).

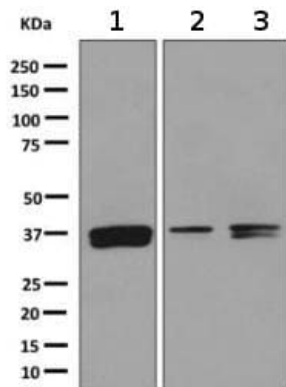
ab155092 was shown to specifically react with MPG/AAG when MPG/AAG knockout samples were used. Wild-type and MPG/AAG knockout samples were subjected to SDS-PAGE. Ab155092 and [ab8245](#) (loading control to GAPDH) were diluted at 1/10,000 and 1/10,000 dilution respectively and incubated overnight at 4C. Blots were developed with IRDye® 800CW Goat anti-Rabbit IgG (H + L) and IRDye® 680 Goat anti-Mouse IgG (H + L) secondary antibodies at 1/10,000 dilution for 1 hour at room temperature before imaging.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Immunohistochemical analysis of paraffin embedded Human normal colon tissue using ab155092 showing +ve staining.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

All lanes : Anti-MPG/AAG antibody [EPR10959(B)] (ab155092) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

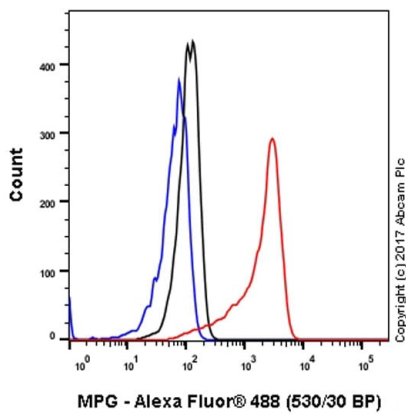
Lane 3 : Jurkat cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

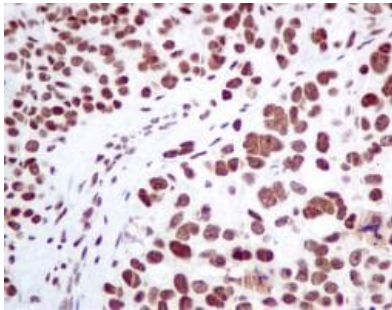
All lanes : Goat anti-rabbit HRP at 1/2000 dilution

Predicted band size: 33 kDa



Flow Cytometry (Intracellular) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

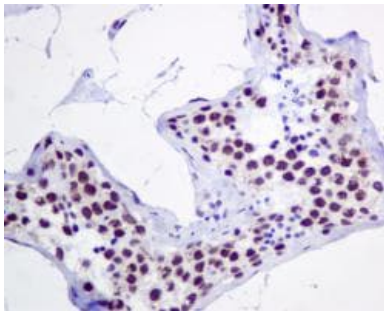
Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling MPG/AAG with unpurified ab155092 at 1/20 dilution (10ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (**ab150077**) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) (**ab172730**) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Immunohistochemical analysis of paraffin-embedded Human ovarian carcinoma tissue labeling MPG/AAG with ab155092 at 1/50 dilution.

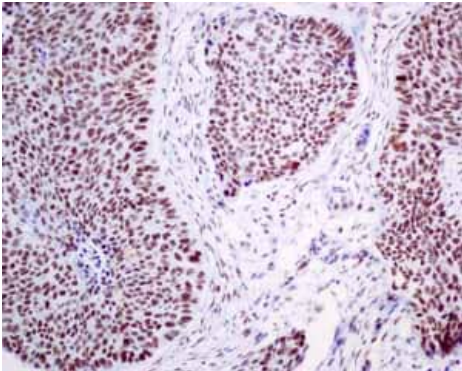
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling MPG/AAG with ab155092 at 1/50 dilution.

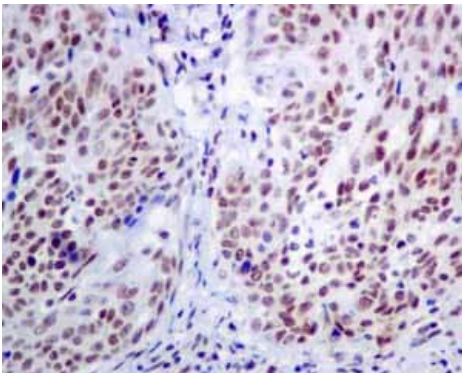
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Immunohistochemical analysis of paraffin embedded Human lung adenocarcinoma tissue using ab155092 showing +ve staining.

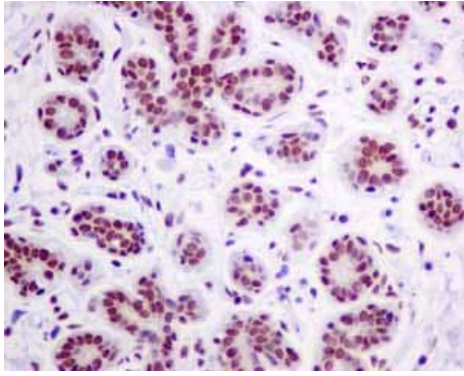
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Immunohistochemical analysis of paraffin embedded Human cervical carcinoma tissue using ab155092 showing +ve staining.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemical analysis of paraffin embedded Human normal breast tissue using ab155092 showing +ve staining.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

Why choose a recombinant antibody?



Anti-MPG/AAG antibody [EPR10959(B)] (ab155092)

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