


Anti-Endo G antibody [EP1665Y] ab76122

敲除验证 重组 RabMAb

6 References 3 图像

概述

产品名称	Anti-Endo G抗体[EP1665Y]
描述	兔单克隆抗体[EP1665Y] to Endo G
宿主	Rabbit
经测试应用	适用于: WB 不适用于: Flow Cyt, ICC/IF, IHC-P or IP
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide within Human Endo G (C terminal). The exact sequence is proprietary.
阳性对照	HepG2 whole cell lysate (ab7900)
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1665Y

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76122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		1/2000 - 1/5000. Detects a band of approximately 35 kDa (predicted molecular weight: 36 kDa).

应用说明Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

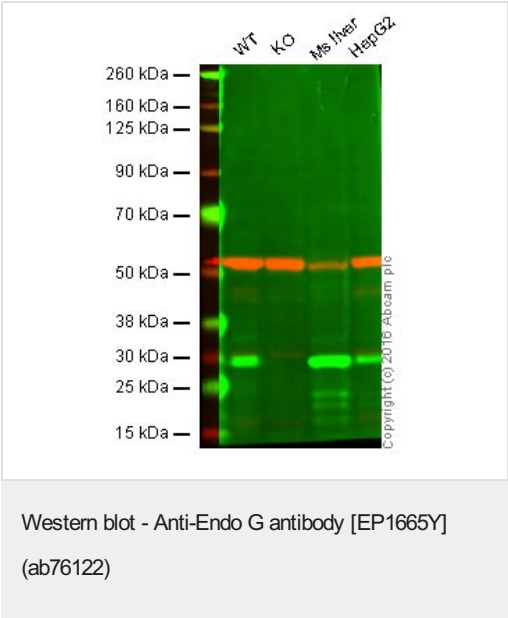
靶标

功能Cleaves DNA at double-stranded (DG)n.(DC)n and at single-stranded (DC)n tracts. In addition to deoxyribonuclease activities, also has ribonuclease (RNase) and RNase H activities. Capable of generating the RNA primers required by DNA polymerase gamma to initiate replication of mitochondrial DNA.

序列相似性Belongs to the DNA/RNA non-specific endonuclease family.

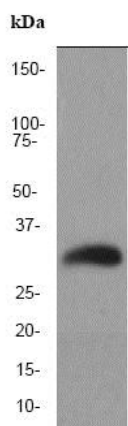
细胞定位Mitochondrion.

图片



Lane 1: Wild-type HAP1 cell lysate (20 µg)
Lane 2: Endo G HAP1 cell lysate (20 µg)
Lane 3: Mouse liver tissue lysate (20 µg)
Lane 4: HepG2 cell lysate (20 µg)
Lanes 1 - 4: Merged signal (red and green). Green - ab76122 observed at 29 kDa. Red - loading control, **ab7291**, observed at 52 kDa.

ab76122 was shown to specifically react with Endo G when Endo G knockout samples were used. Wild-type and Endo G knockout samples were subjected to SDS-PAGE. ab76122 and **ab7291** (loading control to alpha tubulin) were diluted 1/2000 and 1/10000 respectively and incubated overnight at 4°C. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1/10000 dilution for 1 h at room temperature before imaging.



Western blot - Anti-Endo G antibody [EP1665Y] (ab76122)

Anti-Endo G antibody [EP1665Y] (ab76122) at 1/2000 dilution + HepG2 cell lysate at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 36 kDa

Observed band size: 35 kDa

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-Endo G antibody [EP1665Y] (ab76122)

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

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