

Product datasheet

Anti-MCL1 (phospho S159) antibody ab111574

★★★★★ 1 Abreviews 2 References 1 图像

概述

产品名称	Anti-MCL1 (phospho S159)抗体
描述	兔多克隆抗体to MCL1 (phospho S159)
宿主	Rabbit
特异性	ab111574 detects endogenous levels of MCL1 only when phosphorylated at serine 159.
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic phosphopeptide derived from Human MCL1 around the phosphorylation site of Serine 159 (D-G-S ^P -L-P).
阳性对照	A549 cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	ab111574 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab111574** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★★	1/1000. Predicted molecular weight: 37 kDa.
ICC/IF		1/100 - 1/500.

靶标

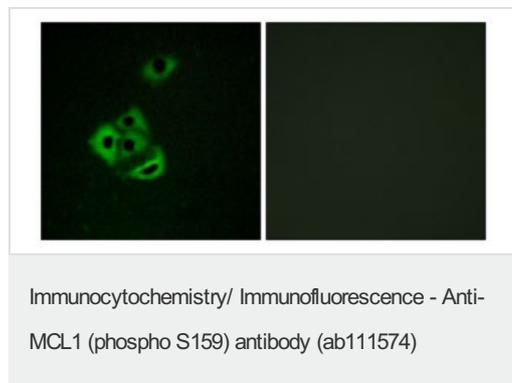
功能 Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.

序列相似性 Belongs to the Bcl-2 family.

翻译后修饰 Cleaved by CASP3 during apoptosis. In intact cells cleavage occurs preferentially after Asp-127, yielding a pro-apoptotic 28 kDa C-terminal fragment.
Rapidly degraded in the absence of phosphorylation on Thr-163 in the PEST region.
Phosphorylated on Thr-163. Treatment with taxol or okadaic acid induces phosphorylation on additional sites.

细胞定位 Membrane. Cytoplasm. Mitochondrion. Nucleus > nucleoplasm. Cytoplasmic, associated with mitochondria.

图片



ab111574, at 1/100 dilution, staining MCL1 in A549 cells by Immunofluorescence, in the presence (right panel) or absence (left panel) of immunising peptide.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors