

## 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)
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 <sup>P</sup> -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.

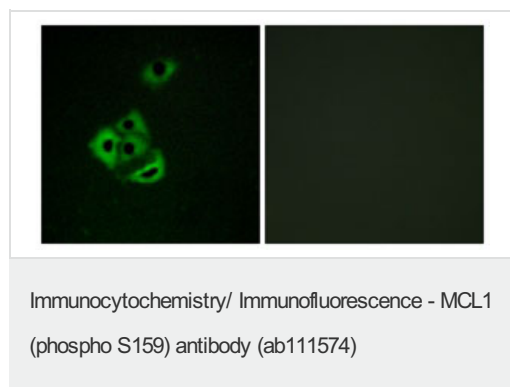
应用	Ab评论	说明
WB	★★★★☆	1/1000. Predicted molecular weight: 37 kDa.

应用	Ab评论	说明
ICC/IF		1/100 - 1/500.

## 靶标

<b>功能</b>	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.
<b>序列相似性</b>	Belongs to the Bcl-2 family.
<b>翻译后修饰</b>	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.
<b>细胞定位</b>	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.

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