— ABLYBIO, Help Your Research

# MCL1 Rabbit mAb

**货号: AYM29257**

## 产品信息

| | |
|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IP FC ICC/IF |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200<br>**IP:** 1:20 - 1:50<br>**FC:** 1:20 - 1:50 |
| 理论分子量 | 28kDa/37kDa |
| 实测分子量 | 37kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse testis |
| 细胞定位 | Cytoplasm,Membrane,Mitochondrion,Nucleus,Single-pass membrane protein,nucleoplasm |
| 纯化 | Affinity purification |

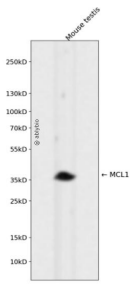
## 抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human MCL1. |

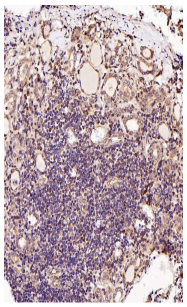
## 靶点信息

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| 研究背景 | This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing. |
| 基因ID | 4170 |
| 基因名 | MCL1 |
| Swiss | Q07820 (https://www.uniprot.org/uniprotkb/Q07820/entry) |
| 别名 | MCL1,MCL1 Rabbit mAb,Bcl-2-like protein 3,Bcl-2-related protein EAT/mcl1,mcl1/EAT,BCL2L3 |

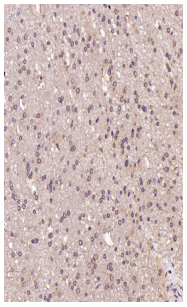
## 产品验证



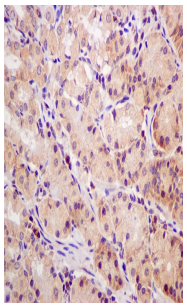

Western blot analysis of MCL1 expressed in Mouse testis using MCL1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



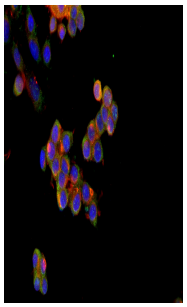
Immunohistochemical analysis of paraffin-embedded Human thyroid cancer, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded human stomach, using MCL1 Antibody.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab MCL1 and Rabbit actin for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

**实验步骤**

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