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# MYL5 (YD12599) Rabbit mAb

货号: **AYD15759**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB  |
| 推荐浓度  |   |
| 理论分子量 | 20kDa   |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  |   |
| 细胞定位  |   |
| 纯化    | 亲和纯化  |

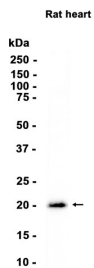
## 抗原信息

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## 靶点信息

|       |   |
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| 研究背景  | Non-classical major histocompatibility class Ib molecule postulated to play a role in immune surveillance, immune tolerance and inflammation. Functions in two forms, as a heterotrimeric complex with B2M/beta-2 microglobulin and a peptide (peptide-bound HLA-F-B2M) and as an open conformer (OC) devoid of peptide and B2M (peptide-free OC). In complex with B2M, presents non-canonical self-peptides carrying post-translational modifications, particularly phosphorylated self-peptides. Peptide-bound HLA-F-B2M acts as a ligand for LILRB1 inhibitory receptor, a major player in maternal-fetal tolerance. Peptide-free OC acts as a ligand for KIR3DS1 and KIR3DL2 receptors (PubMed:28636952). Upon interaction with activating KIR3DS1 receptor on NK cells, triggers NK cell degranulation and anti-viral cytokine production (PubMed:27455421). Through interaction with KIR3DL2 receptor, inhibits NK and T cell effector functions (PubMed:24018270). May interact with other MHC class I OCs to cross-present exogenous viral, tumor or minor histocompatibility antigens to cytotoxic CD8+ T cells, triggering effector and memory responses (PubMed:23851683). May play a role in inflammatory responses in the peripheral nervous system. Through interaction with KIR3DL2, may protect motor neurons from astrocyte-induced toxicity (PubMed:26928464) |
| 基因ID  | 4636  |
| 基因名   | MYL5  |
| Swiss | Q02045 ( <a href="https://www.uniprot.org/uniprotkb/Q02045/entry">https://www.uniprot.org/uniprotkb/Q02045/entry</a> )  |
| 别名    | MYL5 (YD12599),MYL5 (YD12599) Rabbit mAb,MYL5,Myosin regulatory light chain 5,Superfast myosin regulatory light chain 2   |

## 产品验证



## 实验步骤

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