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# PSMC5 Rabbit mAb

货号: **AYM30080**

## 产品信息

|       |                                                                                                                                          |
|-------|------------------------------------------------------------------------------------------------------------------------------------------|
| 反应    | Human,Mouse,Rat                                                                                                                          |
| 宿主    | Rabbit                                                                                                                                   |
| 克隆性   | Monoclonal                                                                                                                               |
| 预测反应  |                                                                                                                                          |
| 应用    | WB IHC IF/ICC IP FC                                                                                                                      |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:20 - 1:50<br><b>FC:</b> 1:20 - 1:50 |
| 理论分子量 | 44kDa/45kDa                                                                                                                              |
| 实测分子量 | 46kDa                                                                                                                                    |
| 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  | U2OS,HepG2,PC-12,MCF7,HeLa,293T,NIH/3T3                                                                                                  |
| 细胞定位  | Cytoplasm,Nucleus                                                                                                                        |
| 纯化    | Affinity purification                                                                                                                    |

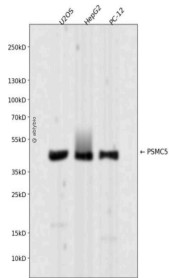
## 抗原信息

|      |                                                          |
|------|----------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein corresponding to Human PSMC5. |
|------|----------------------------------------------------------|

## 靶点信息

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| 研究背景  | The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha. Two transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 5705                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 基因名   | PSMC5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Swiss | P62195 ( <a href="https://www.uniprot.org/uniprotkb/P62195/entry">https://www.uniprot.org/uniprotkb/P62195/entry</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 别名    | PSMC5, PSMC5 Rabbit mAb, 26S proteasome AAA-ATPase subunit RPT6, Proteasome 26S subunit ATPase 5, Proteasome subunit p45, Thyroid hormone receptor-interacting protein 1, p45/SUG, SUG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## 产品验证



Western blot analysis of PSMC5 expressed in U2OS, HepG2, PC-12 using PSMC5 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.

## 实验步骤

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