

# CD38 Rabbit pAb

货号: **AYP11569**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Polyclonal  |
| 预测反应  | <b>IHC:</b> Mus musculus , Homo sapiens<br><b>WB:</b> Mus musculus<br><b>WB IHC:</b> Rattus norvegicus<br><b>IF:</b> Mus musculus |
| 应用    | WB IHC IF/ICC   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200  |
| 理论分子量 | 13kDa/34kDa   |
| 实测分子量 | 45KDa   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.                              |
| 偶联物   | Unconjugated  |
| 阳性对照  | Jurkat,A-549  |
| 细胞定位  | Membrane,Single-pass type II membrane protein   |
| 纯化    | Affinity purification   |

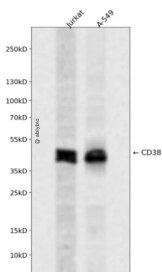
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 181-300 of human CD38 (NP_001766.2).         |
| 序列   | SNNPVSVFWKTVSRRFAEAACDVVHMLNGSRSKIFDKNSTFGSVEVHNLQPEKVQTLAWVIHGGREDSRDLCQDPTI<br>KELESIISKRNIIQFCKNIYRDPKFLQCVKNPEDSSCTSEI |

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants. |
| 基因ID  | 952  |
| 基因名   | CD38   |
| Swiss | P28907   |
| 别名    | CD38;ADPRC 1;ADPRC1  |

## 产品验证



Western blot analysis of CD38 expressed in Jurkat, A-549 using CD38 Rabbit pAb 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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