

产品名称: CD297 Rabbit Polyclonal Antibody  
产品货号: AP Rab08329



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | CD297 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | IHC, ICC, IF, ELISA              |
| 种属反应性 (Reactivity)     | Human, Rat, Mouse                |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ART4 DO DOK1<br>Ecto-ADP-ribosyltransferase 4 (EC 2.4.2.31; ADP-ribosyltransferase C2 and C3 toxin-like 4; ARTC4; Dombrock blood group carrier molecule; Mono(ADP-ribosyl)transferase 4; NAD(P)(+)-arginine ADP-ribosyltransferase 4; CD antigen CD297) |
| 别名 (Alternative Names) |                                                                                                                                                                                                                                                         |
| 基因 ID (Gene ID)        | 420.0                                                                                                                                                                                                                                                   |
| 蛋白 ID (SwissProt ID)   | Q93070.Synthetic peptide from human protein at AA range: 181-230                                                                                                                                                                                        |

## 产品应用 (Application)

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                          |

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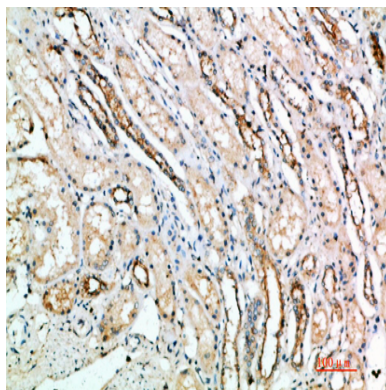


## 研究背景 (Background)

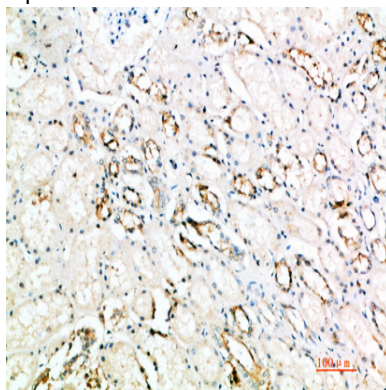
This gene encodes a protein that contains a mono-ADP-ribosylation (ART) motif. It is a member of the ADP-ribosyltransferase gene family but enzymatic activity has not been demonstrated experimentally. Antigens of the Dombrock blood group system are located on the gene product, which is glycosylphosphatidylinositol-anchored to the erythrocyte membrane. Allelic variants, some of which lead to adverse transfusion reactions, are known. [provided by RefSeq, Jul 2008],catalytic activity:NAD(+) + protein-L-arginine = nicotinamide + N(omega)-(ADP-D-ribosyl)-protein-L-arginine.,catalytic activity:NADP(+) + protein-L-arginine = nicotinamide + N(omega)-((2'-phospho-ADP)-D-ribosyl)-protein-L-arginine.,online information:Blood group antigen gene mutation database,polymorphism:DO is responsible for the Dombrock blood group system. The molecular basis of the Do(a)/Do(b) blood group antigen is a single variation in position 265; Asn-265 corresponds to Do(a) and Asp-265 to Do(b). It is also responsible for the antigens Gregory [Gy(a)], Holley [Hy] and Joseph [Jo(a)].,similarity:Belongs to the Arg-specific ADP-ribosyltransferase family.,tissue specificity:Expressed in spleen and T-cells.,

## 研究领域 (Research Area)

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



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**注意事项 (Note)**

For research use only .