

**产品名称: Anterior Gradient 2 Rabbit Monoclonal Antibody**  
**产品货号: AMRe86966**



## 产品概述 (Summary)

|                        |                                                |
|------------------------|------------------------------------------------|
| 产品名称 (Production Name) | Anterior Gradient 2 Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody         |
| 宿主 (Host)              | Rabbit                                         |
| 应用 (Application)       | WB,IHC,ICC/IF,FC                               |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat                                |

## 产品性能 (Performance)

|                     |                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                                                                                   |
| 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)       | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| 纯化方式 (Purification) | Affinity Purification                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| 基因名 (Gene Name)        | Anterior Gradient 2                                     |
| 别名 (Alternative Names) | AG2; AG-2; HPC8; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116 |
| 基因 ID (Gene ID)        | 10551                                                   |
| 蛋白 ID (SwissProt ID)   | O95994.                                                 |

## 产品应用 (Application)

|                          |                                                                   |
|--------------------------|-------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:200-1:500,FC 1:50-1:100 |
| 蛋白分子量 (Molecular Weight) | Calculated MW:20 kDa; Observed MW:18 kDa                          |

## 研究背景 (Background)

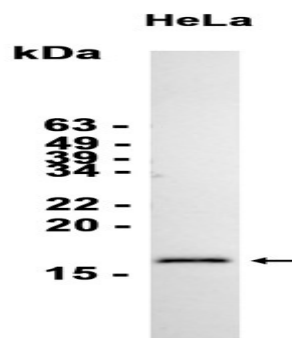
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This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This protein plays a role in cell migration, cellular transformation and metastasis and is as a p53 inhibitor. As an ER-localized molecular chaperone, it plays a role in the folding, trafficking, and assembly of cysteine-rich transmembrane receptors and the cysteine-rich intestinal glycoprotein mucin. This gene has been implicated in inflammatory bowel disease and cancer progression. [provided by RefSeq, Mar 2017]

### 研究领域 (Research Area)

### 图片 (Image Data)



Western blot analysis of extracts from HeLa cells using AMRe86966 at 1:1000.

### 注意事项 (Note)

For research use only .