

**产品名称: Annexin A1 Mouse Monoclonal Antibody**  
**产品货号: AMM00974**



## 产品概述 (Summary)

|                        |                                      |
|------------------------|--------------------------------------|
| 产品名称 (Production Name) | Annexin A1 Mouse Monoclonal Antibody |
| 描述 (Description)       | Mouse monoclonal Antibody            |
| 宿主 (Host)              | Mouse                                |
| 应用 (Application)       | WB                                   |
| 种属反应性 (Reactivity)     | Human,Mouse,Rat,Monkey               |

## 产品性能 (Performance)

|                     |                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                   |
| 修饰 (Modification)   | Unmodified                                                                                     |
| 同种型 (Isotype)       | IgG1                                                                                           |
| 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3. |
| 纯化方式 (Purification) | Affinity Purification                                                                          |

## 免疫原信息 (Immunogen)

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ANXA1                                                                                                                                                  |
| 别名 (Alternative Names) | ANXA1; ANX1; LPC1; Annexin A1; Annexin I; Annexin-1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35 |
| 基因 ID (Gene ID)        | 301                                                                                                                                                    |
| 蛋白 ID (SwissProt ID)   | P04083.                                                                                                                                                |

## 产品应用 (Application)

|                          |                                            |
|--------------------------|--------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:1000                            |
| 蛋白分子量 (Molecular Weight) | Calculated MW: 39 kDa; Observed MW: 39 kDa |

## 研究背景 (Background)

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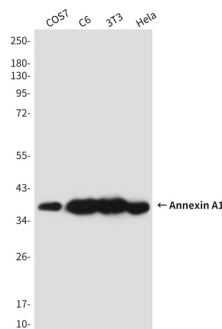


Plays important roles in the innate immune response as effector of glucocorticoid-mediated responses and regulator of the inflammatory process. Has anti-inflammatory activity (PubMed:8425544). Plays a role in glucocorticoid-mediated down-regulation of the early phase of the inflammatory response . Promotes resolution of inflammation and wound healing (PubMed:25664854). Functions at least in part by activating the formyl peptide receptors and downstream signaling cascades (PubMed:15187149, PubMed:25664854). Promotes chemotaxis of granulocytes and monocytes via activation of the formyl peptide receptors (PubMed:15187149). Contributes to the adaptive immune response by enhancing signaling cascades that are triggered by T-cell activation, regulates differentiation and proliferation of activated T-cells (PubMed:17008549). Promotes the differentiation of T-cells into Th1 cells and negatively regulates differentiation into Th2 cells (PubMed:17008549). Has no effect on unstimulated T cells (PubMed:17008549). Promotes rearrangement of the actin cytoskeleton, cell polarization and cell migration (PubMed:15187149). Negatively regulates hormone exocytosis via activation of the formyl peptide receptors and reorganization of the actin cytoskeleton (PubMed:19625660). Has high affinity for  $\text{Ca}^{2+}$  and can bind up to eight  $\text{Ca}^{2+}$  ions . Displays  $\text{Ca}^{2+}$ -dependent binding to phospholipid membranes (PubMed:2532504, PubMed:8557678). Plays a role in the formation of phagocytic cups and phagosomes. Plays a role in phagocytosis by mediating the  $\text{Ca}^{2+}$ -dependent interaction between phagosomes and the actin cytoskeleton .

## 研究领域 (Research Area)

Signal Transduction

## 图片 (Image Data)



Western blot analysis of Annexin A1 in COS7, C6, 3T3 and HeLa lysates using Annexin A1 antibody.

## 注意事项 (Note)

For research use only .