

**产品名称: CD11b (8E1) Rabbit Monoclonal Antibody**

**产品货号: AMRe08196**

### 产品概述 (Summary)

|                   |                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 描述(Description)   | Recombinant rabbit monoclonal antibody                                                                                                                                                |
| 宿主(Host)          | Rabbit                                                                                                                                                                                |
| 应用(Application)   | WB,IHC,ICC/IF,FC,IP                                                                                                                                                                   |
| 种属反应(Reactivity)  | Human                                                                                                                                                                                 |
| 偶联物(Conjugation)  | Unconjugated                                                                                                                                                                          |
| 修饰(Modification)  | Unmodified                                                                                                                                                                            |
| 同种型(Isotype)      | IgG                                                                                                                                                                                   |
| 克隆(Clonality)     | Monoclonal                                                                                                                                                                            |
| 剂型(Form)          | Liquid                                                                                                                                                                                |
| 保存条件(Storage)     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.<br>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative |
| 储存溶液(Buffer)      | N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                                                                    |
| 纯化 (Purification) | Affinity purification                                                                                                                                                                 |

### 产品应用(Application)

|                       |                                                                               |
|-----------------------|-------------------------------------------------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:2000-1:10000,IHC 1:50-1:200,ICC/IF 1:100-1:200,FC 1:20-1:50,IP 1:20-1:50 |
| 分子量(Molecular Weight) | 127kDa                                                                        |

### 抗原信息(Antigen Information)

|                       |                                         |
|-----------------------|-----------------------------------------|
| 基因名(Gene Name)        | ITGAM                                   |
| 别名(Alternative Names) | CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6; |
| 基因 ID(Gene ID)        | 3684.0                                  |
| SwissProt ID          | P11215                                  |
| 免疫原(Immunogen)        | A synthetic peptide of human CD11b      |

### 研究背景 (Background)

ITGAM, also named as CD11B and CR3A, belongs to the integrin alpha chain family. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles.

ITGAM is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin ITGAM/ITGB2 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PubMed:9558116, PubMed:20008295). It is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. Integrin ITGAM/ITGB2 is also a receptor for fibrinogen, factor X and ICAM1. It recognizes P1 and P2 peptides of fibrinogen gamma chain. Regulates neutrophil migration (PubMed:28807980). In association with beta subunit ITGB2/CD18, required for CD177-PRTN3-mediated activation of TNF primed neutrophils (PubMed:21193407). May regulate phagocytosis-induced apoptosis in extravasated neutrophils (By similarity). May play a role in mast cell development (By similarity). Required with TYROBP/DAP12 in microglia to control production of microglial superoxide ions which promote the neuronal apoptosis that occurs during brain development (By similarity).

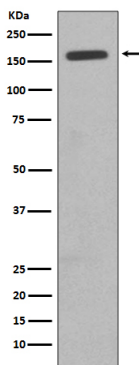
### 研究领域 (Research Area)

Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Leukocyte transendothelial migration; Regulates Actin and Cytoskeleton;

### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



Western blot analysis of CD11b expression in TF1 cell lysate.

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

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