

产品名称: CD244 Rabbit Polyclonal Antibody  
产品货号: APRab08306



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | CD244 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,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)        | CD244                                                                                                                                            |
| 别名 (Alternative Names) | CD244; 2B4; Natural killer cell receptor 2B4; NK cell activation-inducing ligand; NAIL; NK cell type I receptor protein 2B4; NKR2B4; h2B4; CD244 |
| 基因 ID (Gene ID)        | 51744.0                                                                                                                                          |
| 蛋白 ID (SwissProt ID)   | Q9BZW8.The antiserum was produced against synthesized peptide derived from the Internal region of human CD244. AA range:101-150                  |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 42kDa                                                                  |

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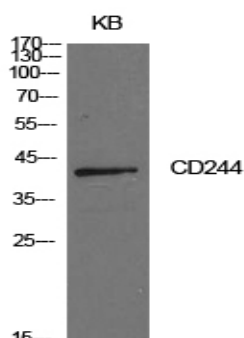
## 研究背景 (Background)

This gene encodes a cell surface receptor expressed on natural killer (NK) cells (and some T cells) that mediate non-major histocompatibility complex (MHC) restricted killing. The interaction between NK-cell and target cells via this receptor is thought to modulate NK-cell cytolytic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009],function:Modulate other receptor-ligand interactions to enhance leukocyte activation.,PTM:Phosphorylated.,similarity:Contains 2 Ig-like (immunoglobulin-like) domains.,subunit:Interacts with CD48. Following phosphorylation, it is able to recruit PTPN11/SHP-2 and SH2D1A/SAP. Binding of SH2D1A/SAP to CD244 prevents its association with PTPN11/SHP-2.,tissue specificity:Expressed in spleen, PBL, followed by lung, liver, testis and small intestine. Expressed not only in NK cells, but also on monocytes and basophils.,

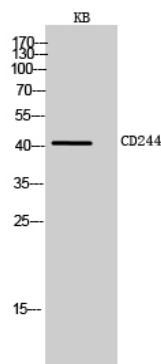
## 研究领域 (Research Area)

Natural killer cell mediated cytotoxicity;

## 图片 (Image Data)

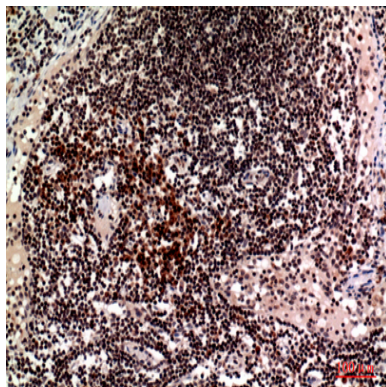


Western Blot analysis of KB cells using CD244 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

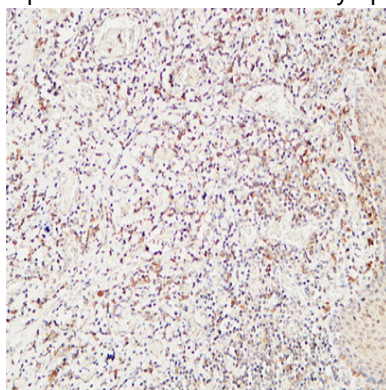


Western Blot analysis of KB cells using CD244 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

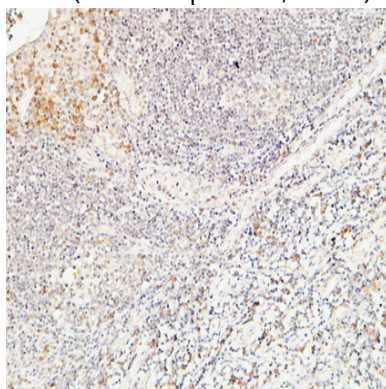
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Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100

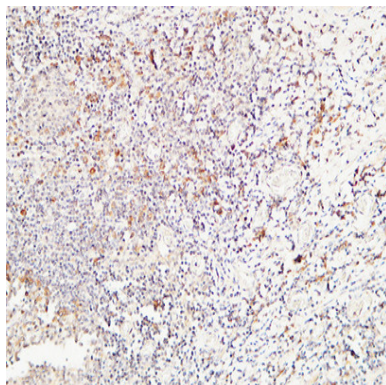


Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



Immunohistochemical analysis of paraffin-embedded Human Amygdala. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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#### **注意事项 (Note)**

For research use only .