
Product Name: CD244 Rabbit Polyclonal Antibody**Catalog #: APRab08306**

For research use only.

Summary

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|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Rat,Mouse |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

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|-------------------------|--|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| Molecular Weight | 42kDa |

Antigen Information

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|--------------------------|--|
| Gene Name | CD244 |
| 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 |
| Gene ID | 51744.0 |
| SwissProt ID | Q9BZW8 |
| Immunogen | The antiserum was produced against synthesized peptide derived from the Internal region of human CD244. AA range:101-150 |

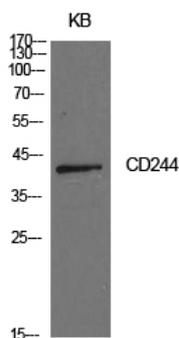
Background

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.,

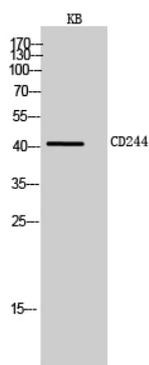
Research Area

Natural killer cell mediated cytotoxicity;

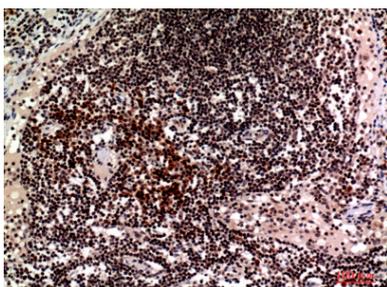
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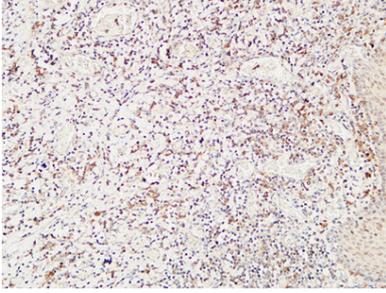
Western Blot analysis of KB cells using CD244 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



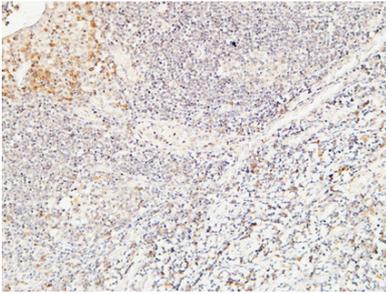
Western Blot analysis of KB cells using CD244 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



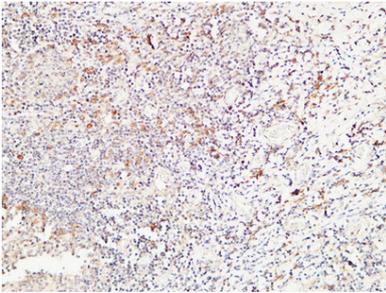
Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



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) .



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) .