



## Rabbit Anti-CLEC12A antibody

SL13628R

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| <b>Product Name:</b>          | CLEC12A  |
| <b>Chinese Name:</b>          | C型凝集素结构域家族12成员A抗体  |
| <b>Alias:</b>                 | C-type lectin domain family 12 member A; C-type lectin-like molecule 1; CL12A_HUMAN; CLEC12A; CLL-1; DCAL-2; Dendritic cell-associated lectin 2; MICL; Myeloid inhibitory C-type lectin-like receptor.   |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Mouse,Rat,   |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b>      | 31kDa  |
| <b>Cellular localization:</b> | The cell membrane  |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human CLEC12A:61-160/265   |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.  |
| <b>PubMed:</b>                | <a href="#">PubMed</a>   |
| <b>Product Detail:</b>        | The C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily consists of a variety of proteins that share a common protein fold and have diverse functions, including cell-cell signaling, cell adhesion, glycoprotein turnover and immune responses. CLEC-12A (C-type lectin domain family 12, member A), also known as CLL1, MICL, CLL-1 or DCAL-2, is a 275 amino acid single-pass type II membrane |

protein that contains one C-type lectin domain and belongs to the CTL/CTLD superfamily. Existing as multiple alternatively spliced isoforms that are expressed in neutrophils, eosinophils, monocytes and dendritic cells, CLEC-12A functions as a cell surface receptor that acts as a negative regulator of granulocyte and monocyte function and, via this activity, modulates signaling cascades. CLEC-12A is highly subject to post-translational glycosylation at its N-terminus and may also exist as a homodimer.

**Function:**

Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases.

**Subcellular Location:**

Cell membrane. Ligand binding leads to internalization.

**Tissue Specificity:**

Detected in normal myeloid cells and in acute myeloid leukemia cells. Detected in neutrophils, eosinophils, monocytes and dendritic cells. Detected in spleen macrophage-rich red pulp and in lymph node (at protein level). Detected in peripheral blood leukocytes, dendritic cells, bone marrow, monocytes, mononuclear leukocytes and macrophages.

**Post-translational modifications:**

Highly N-glycosylated. Glycosylation varies between cell types.

**Similarity:**

Contains 1 C-type lectin domain.

**SWISS:**

Q5QGZ9

**Gene ID:**

160364

**Database links:**

[Entrez Gene: 160364](#) Human

[Omim: 612088](#) Human

[SwissProt: Q5QGZ9](#) Human

[Unigene: 190519](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

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|  | therapeutic or diagnostic applications. |
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