

Anti-Human/Mouse CLEC4A Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA12001

3th Edition

Description: This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type 2 transmembrane protein may play a role in inflammatory and immune response. Multiple transcript variants encoding distinct isoforms have been identified for this gene. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region.

Antigen: Recombinant protein of human CLEC4A

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in dendritic cells, myeloid cells, B-cells and HL-60 cells (at protein level). TNF alpha, IL-1 alpha, and LPS, down-regulated expression at the surface of neutrophils (at protein level). Expressed preferentially in hematopoietic tissues. Expressed in peripheral blood leukocytes, neutrophils, moderate quantities in spleen, lymph node, and bone marrow, and at very low levels in thymus. Expressed in Ag-presenting cells (DC, monocytes, macrophages and B-cells), as well as on granulocytes. Expression was decreased in DC by signals inducing its maturation (e.g. CD40 ligand, LPS, and TNF alpha).