

Product Name: CD205 Mouse Monoclonal Antibody**Catalog #: AMM83013**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | ELISA,FC |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|-------------------------------------|
| Dilution Ratio | ELISA 1:5000-1:20000,FC 1:200-1:400 |
| Molecular Weight | 198kDa |

Antigen Information

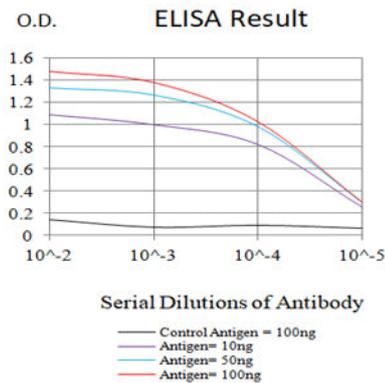
| | |
|--------------------------|---|
| Gene Name | CD205 |
| Alternative Names | LY-75; CLEC13B; DEC-205; GP200-MR6 |
| Gene ID | 4065.0 |
| SwissProt ID | |
| Immunogen | Purified recombinant fragment of human CD205 (AA: free peptide) expressed in E. Coli. |

Background

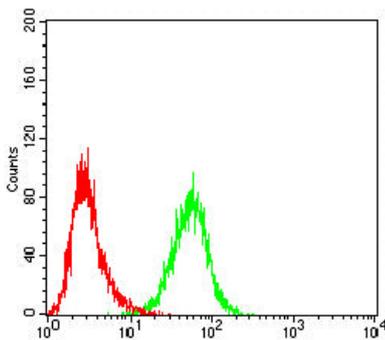
LY75 (Lymphocyte Antigen 75) is a Protein Coding gene. Diseases associated with LY75 include Pneumonic Plague and Adenoiditis. Among its related pathways are Dendritic Cells Developmental Lineage Pathway. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is LY75-CD302.

Research Area

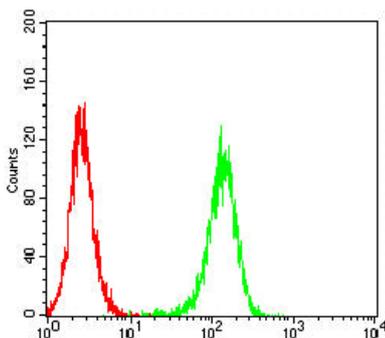
Image Data



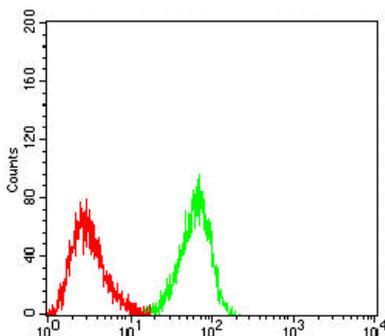
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



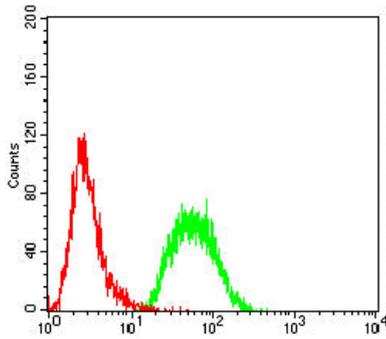
Flow cytometric analysis of HL-60 cells using CD205 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using CD205 mouse mAb (green) and negative control (red).



Flow cytometric analysis of MOLT4 cells using CD205 mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CD205 mouse mAb (green) and negative control (red).