

Product Name: CD213A1 Mouse Monoclonal Antibody**Catalog #: AMM82173**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | WB,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 | WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400 |
| Molecular Weight | 48.8kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | CD213A1 |
| Alternative Names | IL13RA1; NR4; CT19; IL-13Ra |
| Gene ID | 3597.0 |
| SwissProt ID | P78552 |
| Immunogen | Purified recombinant fragment of human CD213A1 (AA: extra 22-343) expressed in E. Coli. |

Background

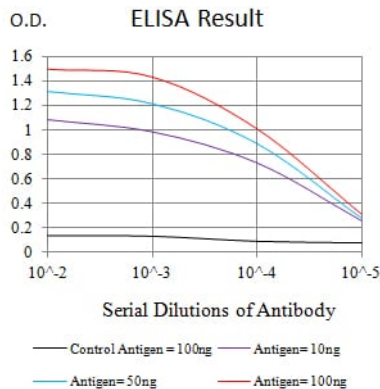
The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus

may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

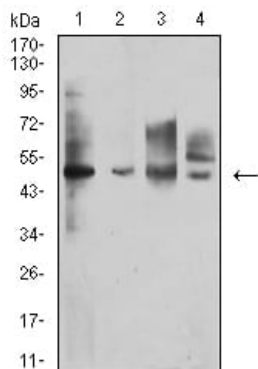
Research Area

Jak-STAT signaling pathway

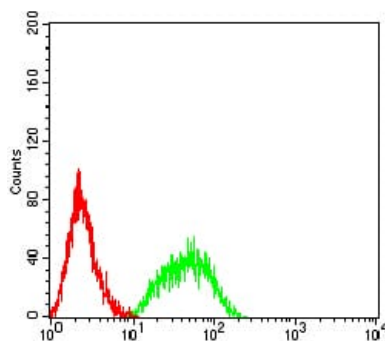
Image Data



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



Western blot analysis using CD213A1 mouse mAb against Raji (1), A431 (2), HT-29 (3), and A549 (4) cell lysate.



Flow cytometric analysis of HL-60 cells using CD213A1 mouse mAb (green) and negative control (red).