
Product Name: CD172G Mouse Monoclonal Antibody**Catalog #: AMM82202**

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 | 42.5kDa |

Antigen Information

| | |
|--------------------------|----------------------------------------------------------------------------------------|
| Gene Name | CD172G |
| Alternative Names | SIRPG; SIRPB2; SIRP-B2; bA77C3.1; SIRPgamma |
| Gene ID | 55423.0 |
| SwissProt ID | Q9P1W8 |
| Immunogen | Purified recombinant fragment of human CD172G (AA: extra 29-360) expressed in E. Coli. |

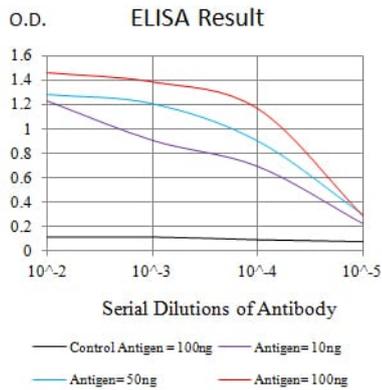
Background

The protein encoded by this gene is a member of the signal-regulatory protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Alternatively spliced transcript variants

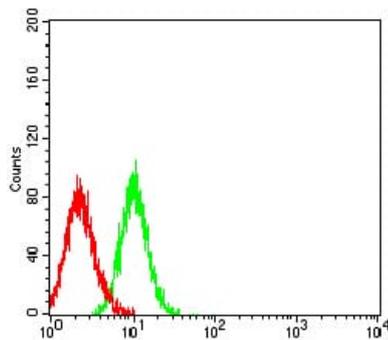
encoding different isoforms have been described.

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 CD172G mouse mAb (green) and negative control (red).