

Product Name: CD154 Mouse Monoclonal Antibody**Catalog #: AMM82004**

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 | 29.3kDa |

Antigen Information

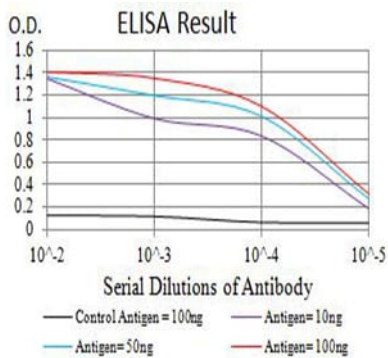
| | |
|--------------------------|---|
| Gene Name | CD154 |
| Alternative Names | CD40LG; IGM; IMD3; TRAP; gp39; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L |
| Gene ID | 959.0 |
| SwissProt ID | P29965 |
| Immunogen | Purified recombinant fragment of human CD154 (AA: extra 47-261) expressed in E. Coli. |

Background

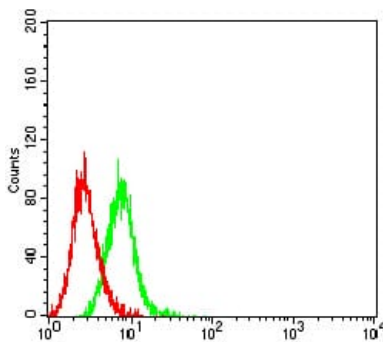
The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

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 Ramos cells using CD154 mouse mAb (green) and negative control (red).