Product Name: **CD154 Mouse Monoclonal Antibody**
Catalog #: **AMM82005**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
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

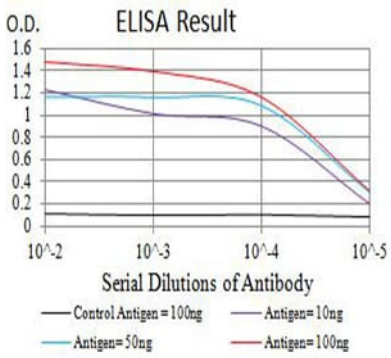
Gene Name	CD154
Alternative Names	CD40LG; IGM; IMD3; TRAP; gp39; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L
Gene ID	959.0
SwissProt ID	P29965
Immunogen	Purified recombinant fragment of human CD154 (AA: extra 47-261) expressed in E. Coli.

Background

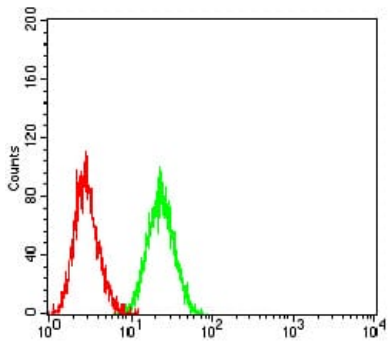
The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

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).