

Product Name: CD32B Mouse Monoclonal Antibody**Catalog #: AMM82591**

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	34kDa

Antigen Information

Gene Name	CD32B
Alternative Names	FCGR2B;CD32; FCG2; CD32B; FCGR2; IGFR2; FCGR2C; FcRII-c
Gene ID	2213.0
SwissProt ID	P31994
Immunogen	Purified recombinant fragment of human CD32B (AA: 43-217) expressed in E. Coli.

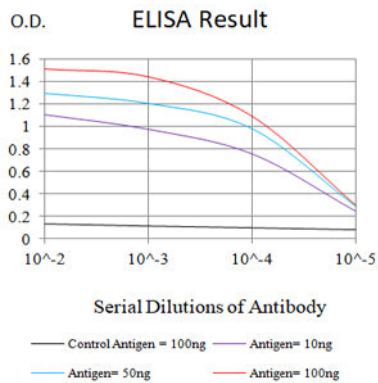
Background

The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding

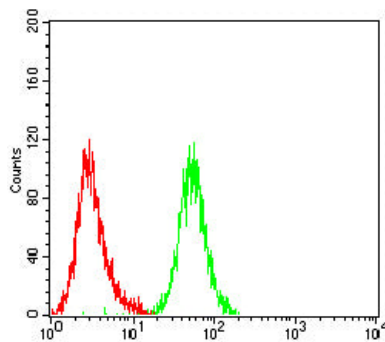
different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Research Area

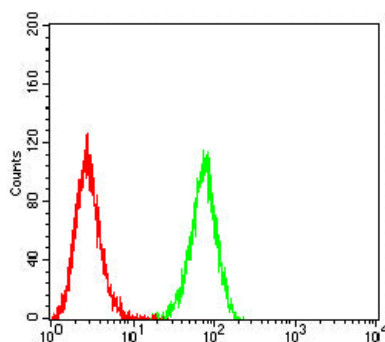
Image Data



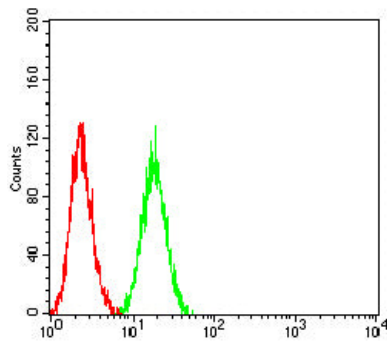
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of Jurkat cells using CD32B mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using CD32B mouse mAb (green) and negative control (red).



Flow cytometric analysis of K562 cells using CD32B mouse mAb (green) and negative control (red).