

Product Name: CD64 Mouse Monoclonal Antibody**Catalog #:** AMM82073

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,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	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	42.6kDa

Antigen Information

Gene Name	CD64
Alternative Names	FCGR1A; FCRI; CD64A; IGFR1
Gene ID	2209.0
SwissProt ID	P12314
Immunogen	Purified recombinant fragment of human CD64 (AA: extra 16-145) expressed in E. Coli.

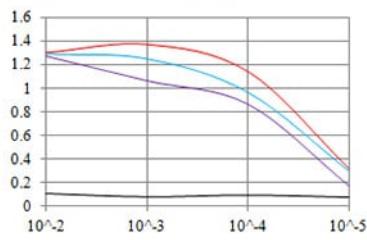
Background

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

Research Area

Image Data

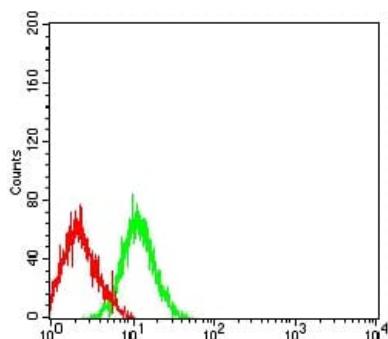
O.D. ELISA Result



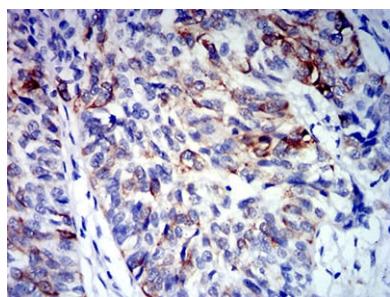
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

Serial Dilutions of Antibody

— Control Antigen = 100ng — Antigen = 10ng
— Antigen = 50ng — Antigen = 100ng



Flow cytometric analysis of HL-60 cells using CD64 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD64 mouse mAb with DAB staining.