
Product Name: CD1A Mouse Monoclonal Antibody**Catalog #: AMM80965**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,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	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	37kDa

Antigen Information

Gene Name	CD1A
Alternative Names	R4; T6; CD1; FCB6; HTA1; CD1A
Gene ID	909.0
SwissProt ID	P06126
Immunogen	Purified recombinant fragment of human CD1A expressed in E. Coli.

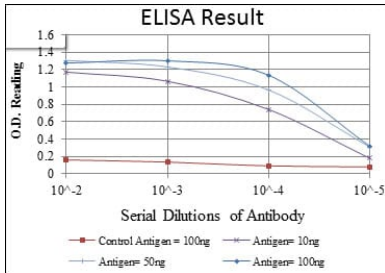
Background

CD1a is a non polymorphic MHC Class 1 related cell surface glycoprotein, expressed in association with Beta 2 microglobulin. CD1a is expressed by cortical thymocytes, Langerhan's cells and by interdigitating cells. CD1a is also expressed by some malignancies of T cell lineage and in histiocytosis X. Tissue specificity: Expressed on cortical thymocytes, epidermal Langerhans

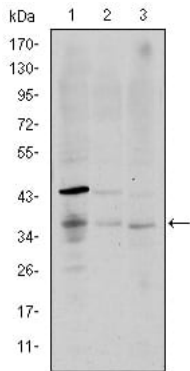
cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

Research Area

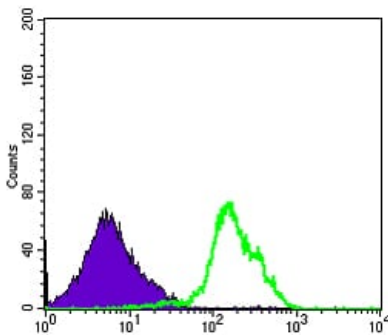
Image Data



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



Western blot analysis using CD1A mouse mAb against K562 (1), RAJI (2), and MOLT4 (3) cell lysate.



Flow cytometric analysis of RAJI cells using CD1A mouse mAb (green) and negative control (purple).