Product Name: **CD1A Mouse Monoclonal Antibody**
Catalog #: **AMM80967**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA
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,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
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.

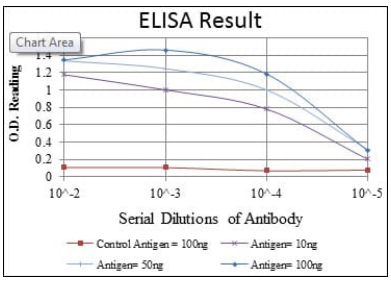
Background

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

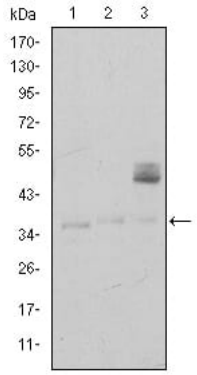
cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

Research Area

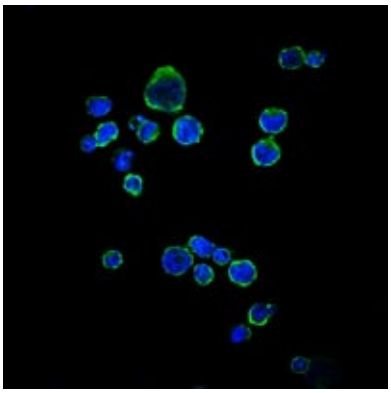
Image Data



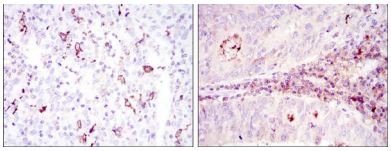
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



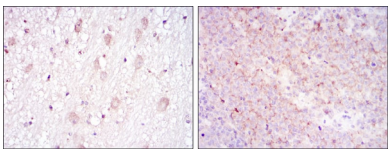
Western blot analysis using CD1A mouse mAb against K562 (1), RAJI (2), and MOLT4 (3) cell lysate.



Immunofluorescence analysis of RAJI cells using CD1A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues (left) and colon cancer tissues (right) using CD1A mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human brain tissues (left) and submaxillary tumor tissues (right) using CD1A mouse mAb with DAB staining.