



Category: Monoclonal Antibodies Cat. #: MAB-606030187
Product Name: Mouse Monoclonal Antibody to CD 1A

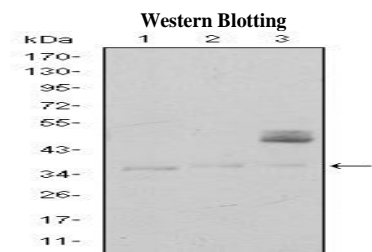


Figure 1: Western blot analysis using CD1A mouse mAb against K562 (1), RAJI (2), and MOLT4 (3) cell lysate.

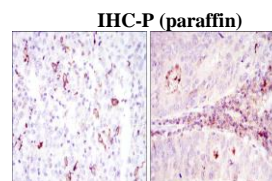
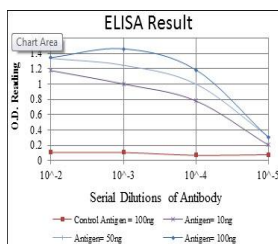


Figure 2: Immunohistochemical analysis of paraffin-embedded cervical cancer tissues (left) and colon cancer tissues (right) using CD1A mouse mAb with DAB staining

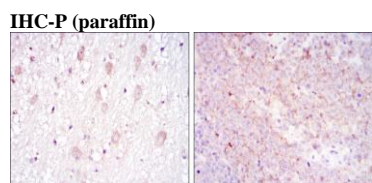


Figure 3: Immunohistochemical analysis of paraffin-embedded brain tissues (left) and submaxillary tumor tissues (right) using CD1A mAb with DAB staining.

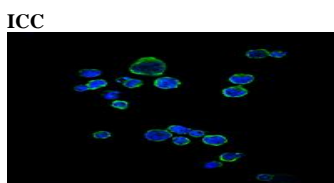


Figure 4: Immunofluorescence analysis of RAJI cells using CD1A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

Lot#:
Clone#: 7A7
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 37kDa
Aliases: R4; T6; CD1; FCB6; HTA1; CD1A
Entrez Gene: 909
Species reactivity: Human

Description

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.

Immunogen

Purified recombinant fragment of human CD1A expressed in E. Coli.

Applications

Western Blotting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

Immunofluorescence: 1/200 - 1/1000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Storage

Store at 4°C, for long term storage, store at -20°C.

Related product

References

1. J Neuroimmunol. 2008 Dec 15;205(1-2):110-2.
2. Pathol Int. 2008 Mar;58(3):169-73.

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