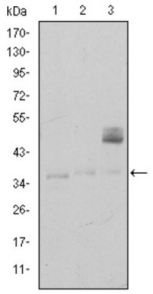
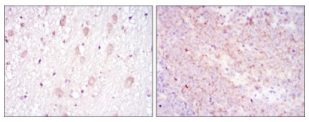
# T-cell Surface Glycoprotein CD1a (CD1A) Antibody

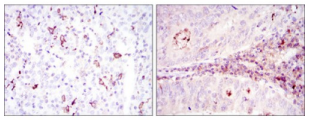
Catalogue No.:abx015794



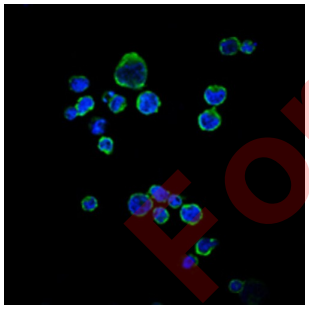

Western blot analysis using CD1A antibody against K562 (1), RAJI (2), and MOLT4 (3) cell lysate.



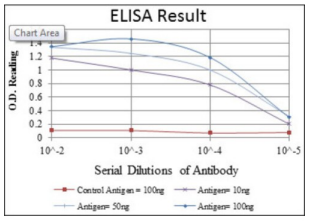
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues (left) and colon cancer tissues (right) using CD1A antibody with DAB staining.



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



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




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

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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.

| | |
|---|---|
| **Target:** | T-cell Surface Glycoprotein CD1a (CD1A) |
| **Clonality:** | Monoclonal |
| **Reactivity:** | Human |
| **Tested Applications:** | ELISA, WB, IHC, IF/ICC |
| **Host:** | Mouse |
| **Recommended dilutions:** | ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | Purified recombinant fragment of human CD1A expressed in E. coli. |
| **Isotype:** | $IgG_1$ |
| **Form:** | Liquid |
| **Purification:** | Unpurified ascites. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P06126 (UniProt, ExPASy) |
| **Gene Symbol:** | CD1A |
| **GeneID:** | 909 |
| **OMIM:** | 188370 |
| **HGNC:** | 1634 |
| **KEGG:** | hsa:909 |
| **Ensembl:** | ENSG00000158477 |
| **String:** | 9606.ENSP00000289429 |




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| | |
|---|---|
| **Molecular Weight:** | 37 kDa |
| **Buffer:** | Ascitic fluid containing 0.03% sodium azide. |
| **Concentration:** | Not determined. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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