

CD1A Monoclonal Antibody

Description

Product type Primary Antibody

Code BT-MCA0282

Host Mouse

Isotype IgG

Size 50ul, 100ul

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

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IHC-p, IF, ICC, ELISA

Concentration 1 mg/ml

Full name T-cell surface glycoprotein CD1a

Synonyms CD1A; T-cell surface glycoprotein CD1a; T-cell surface antigen T6; Leu-6; hTa1 thymocyte antigen; CD

antigen CD1a

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

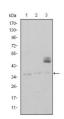
This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternative splicing results in multiple transcript variants.

Recommended Dilution

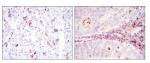
ELISA: 1:10000 IF: 1:200 - 1:1000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

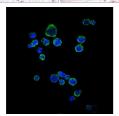
Not yet tested in other applications.

Images



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





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

 $Immun of luorescence\ analysis\ of\ RAJI\ cells\ using\ CD1A\ Monoclonal\ antibody\ (green).\ Blue:\ DRAQ5$ fluorescent\ DNA\ dye.

Storage

-20°C for one year

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