PRODUCT DATA SHEET

CD1A Monoclonal Antibody

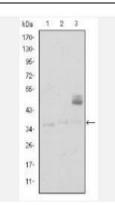
| Catalog No.IMB0004ReactivityHumanApplicationsWB; IHC-p; IF/ICC; ELISAGene NameCD1AProtein NameT-cell surface glycoprotein CD1aHuman Gene Id909Swiss-ProtP06126FormulationAscitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.SourceMonoclonal, MouseDilutionWB: 1:500-1:2000IHC: 1:200-1:1000IF: 1:200-1:1000PurlF:icationAffinity purlF:icationConcentration-Storage&Stability-20°C/1 yearBackgroundThis gene encodes a member of the CD1 family of transment glycoproteins, which are structurally related to the major histocompatil complex (MHC) proteins and form heterodimers with beta-2-microglob The CD1 proteins mediate the presentation of primarily lipid and glyco antigens of self or microbial origin to T cells. The human genome con five CD1 family genes organized in a cluster on chromosome 1. The family members are thought to dIF:fer in their cellular localization specIF:icity for particular lipid ligands. The protein encoded by this localizes to the plasma membrane and to recycling vesicles of the endocytic system. Alternative splicing results in multiple transcript vari [provided by RefSeq, Mar 2016], | |
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| Subcellular Location. Cell membrane; Single-pass type I membrane protein. Membrane raft; Single-pass type I membrane protein. Endosome membrane ; Single-pass type membrane protein. Subject to intracellular trafficking between the membrane and endosomes (PubMed:11231314). Localizes to cell surface rafts (PubMed:18178838). | |
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Products Images:

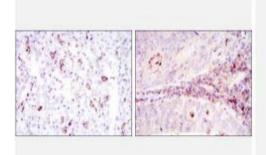
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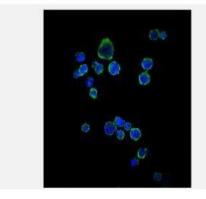
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Western Blot analysis using CD1A Monoclonal Antibody against K562 (1), RAJI (2), and MOLT4 (3) cell lysate.



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



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

