

bsm-30001M**[Primary Antibody]****human CD1a Mouse mAb****BioSS**
ANTIBODIES

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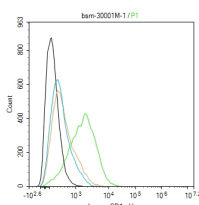
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— DATASHEET —

Host: Mouse Clonality: Monoclonal GeneID: 909 Target: human CD1a Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. 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. [provided by RefSeq, Mar 2016]	Isotype: Mouse IgG1, k CloneNo.: H1149 SWISS: P06126	Applications: Flow-Cyt (1ug/Test) Reactivity: Human Predicted MW.: 34 kDa Subcellular Location: Extracellular matrix ,Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

The Jurkat(H) cells were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Mouse Anti-CD1a antibody (bs-30001M): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Mouse IgG-FITC (bs-60296G-FITC): 1 µg/test. Isotype Control (orange): Mouse IgG (bs-0296P). Blank control (black): PBS. Acquisition of 20,000 events was performed.