# PRODUCT DATA SHEET

# CD1a (PT0024) mouse mAb Ready to use

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| **Catalog No.** | IML0006 |
| **Reactivity** | Human |
| **Applications** | IHC-p |
| **Gene Name** | CD1A |
| **Protein Name** | T-cell surface glycoprotein CD1a (T-cell surface antigen T6:Leu-6) (hTa1 thymocyte antigen) (CD antigen CD1a) |
| **Human Gene Id** | 909 |
| **Swiss-Prot** | P06126 |
| **Formulation** | Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse:IgG2b, Kappa |
| **Dilution** | Ready to use for IHC-p |
| **Purification** | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| **Concentration** | - |
| **Storage&Stability** | 4°C: 1 years |
| **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. |
| **Subcellular Location** | Membranous |
| **BiowMW** | - |

## Products Images: