

32-5808: Monoclonal antibody to CD1a (Clone : hCD1a.)

Clonality :	Monoclonal
Clone Name :	hCD1a.
Gene :	CD1A
Gene ID :	909
Uniprot ID :	P06126
Format :	Purified
Alternative Name :	T-cell surface antigen T6/Leu-6,hTa1 thymocyte antigen,R4,T6; CD1,FCB6,HTA1.
Isotype :	Mouse IgG1.
Immunogen Information :	Purified human PBL T cells.

Description

CD1a is a transmembrane glycoproteins, which is structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. CD1a mediates 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. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined.

Product Info

Amount :	1 mg
Purification :	Ion exchange column.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	Lyophilized: store at 4oC. After reconstitution, if not intended for use within a month, aliquot and store at -20oC.