

30-2143: Anti-CD1a Monoclonal Antibody (Clone:SK9)-PE Conjugated(Discontinued)

Clonality : Monoclonal
Clone Name : SK9
Application : FACS, IP
Reactivity : Human
Conjugate : PE
Gene : CD1A
Gene ID : 909
Uniprot ID : P06126
Alternative Name : CD1A
Isotype : Mouse IgG2b
Immunogen Information : Human thymocytes

Description

CD1a, together with CD1b and c, belongs to group 1 of CD1 glycoproteins. These proteins serve as antigen-presenting molecules for a subset of T cells that responds to specific lipids and glycolipids found in the cell walls of bacterial pathogens or self-glycolipid antigens such as gangliosides, and they have also roles in antiviral immunity. Unlike CD1b, CD1a is excluded from late endosomal compartments and instead traffics independently in the recycling pathway of the early endocytic system, and CD1a antigen presentation is independent upon vesicular acidification.

Product Info

Amount : 100 tests
Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

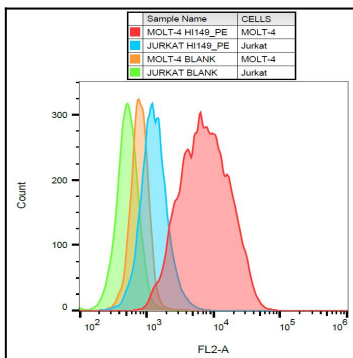


Figure 1: Surface staining of MOLT-4 cells with anti-CD1a (SK9) PE.