Product Datasheet
CD1a monoclonal antibody (PE)
Catalogue Code: AGIM0021

Antibody Data

Product SKU:	AGIM0021	**Clone**	HI149
Applications:	FC	**Conjugate**	PE
Reactivity:	Human		

Immunogen Information:

Host Species: Mouse

Isotype: IgG1

Storage: Store at 4 °C. Avoid prolonged exposure to light.

Background:

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.

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