Anti-Human CD1d-162Dy

Catalog: 3162025B
Package Size: 100 tests
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

CD1d is a type I transmembrane protein, structurally homologous to Class I MHC molecules. It consists of a glycosylated type I transmembrane α chain (43-49 kDa), which forms a heterodimer with β2-microglobulin. CD1d is a member of the CD1 family of molecules in the immunoglobulin superfamily. CD1 molecules fall into two groups. Group 1 includes CD1a, CD1b and CD1c molecules; group 2 includes CD1d molecules and their homologs. CD1d is expressed on cortical thymocytes, B cells, dendritic cells, monocytes, and some nonlymphoid cells including intestinal epithelial cells, hepatocytes and keratinocytes. CD1d has been implicated in lipid antigen presentation to CD1d-restricted NKT cells.

References


For technical support visit fluidigm.com/support

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