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PE/Cyanine 5 Anti-Mouse CD1d Antibody [19G11]

Catalog Number: E-AB-F1032G

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ **Clone No.** 19G11

Isotype Control PE/Cyanine5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842G]

Conjugation PE/Cyanine 5

Conjugation Information PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names Antigen-presenting glycoprotein CD1d1;CD1d.1;Cd1.1;Cd1d1

 Uniprot ID
 P11609

 Gene ID
 12479

Background CD1d is a type I transmembrane protein and member of the MHC family, with a

molecular weight ranging from 43-49 kD, depending on the glycosylation degree. CD1d

is expressed by antigen presenting cells such as dendritic cells, monocytes,

macrophages and B cells; also expressed by thymocytes and intestinal epithelial cells.

Rev. V1.5

CD1d present glycolipids to iNKT cells that recognize them by their Va14i TCR.

For Research Use Only

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