

AF/LE Purified Anti-Mouse CD1d Antibody[19G11]**Catalog Number:** GF10320**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.***Description**

Reactivity	Mouse
Immunogen	Recombinant Mouse CD1d protein
Host	Rat
Isotype	Rat IgG1, κ
Clone	19G11
Purification	>98%, Protein A/G purified
Conjugation	None (AF/LE)
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications**Recommended Dilution**

FCM	2 μ g/mL(0.5 \times 10 ⁶ -1 \times 10 ⁶ cells)
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Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

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. CD1d present glycolipids to iNKT cells that recognize them by their V α 14i TCR.