Product Datasheet

PerCP/Cyanine5.5 Anti-Mouse CD1d Antibody [19G11]
Catalogue Code: AGEL0822

Antibody Data

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Product SKU:	**AGEL0822**	**Clone:**	**19G11**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Antigen-presenting glycoprotein CD1d1;Cd1d1;CD1d.1;Cd1d1;Cd1.1;
Uniprot ID:	P11609
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 Vα14i TCR.
Form:	Liquid
Conjugation:	PerCP/Cyanine 5.5
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ
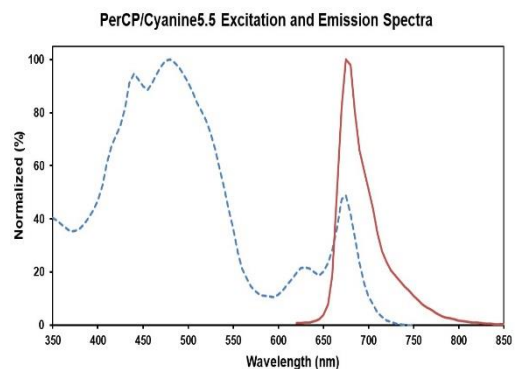
Ex:440;480;675 nm; Em:675 nm

Isotype Control:	PerCP/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0822]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/106 cells in 100 µL volume].