Product Datasheet

GenieFluor 488 Anti-Human CD1a Antibody [OKT-6]
Catalogue Code: AGEL2252

Antibody Data

Product SKU:	**AGEL2252**	**Clone:**		**OKT-6**
Applications:	**FCM**			
Reactivity:	**Human**			

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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Alternate Names:	T6; R4;CD 1a;CD1A ;T-cell surface glycoprotein CD1a;
Uniprot ID:	P06126
Background:	CD1a is a 49 kD member of the immunoglobulin superfamily also known as T6 and R4. It is a type I membrane glycoprotein with structural similarities to MHC class I and is non-covalently associated with β2-microglobulin. CD1a plays a role in non-peptide glycolipid antigen presentation to CD1-restricted T cells. It is expressed on cortical double positive and single positive thymocytes, Langerhans cells, and dendritic cells. In addition to antigen presentation, CD1a has been implicated in thymic T cell development.

Form:	Liquid
Conjugation:	Genie Fluor488
Size:	20 Tests, 100 Tests, 200 Tests
Host Species:	Mouse
Isotype:	Mouse IgG1, κ

488 Excitation and Emission Spectra
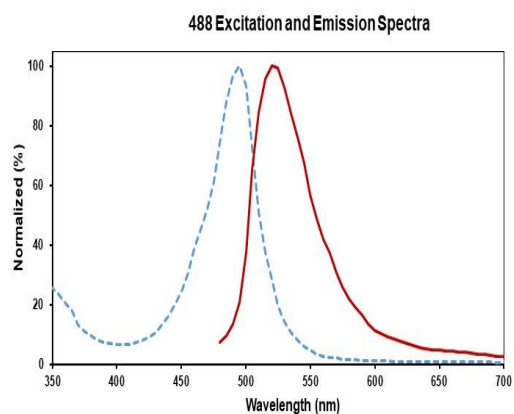
Isotype Control:	Genie Fluor 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL2252]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

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