

Product Data Sheet

FITC anti-mouse DC Marker (33D1)

Catalog # / Size: 124907 / 50 µg
124908 / 500 µg

Clone: 33D1

Isotype: Rat IgG2b, κ

Immunogen: Mouse dendritic cells

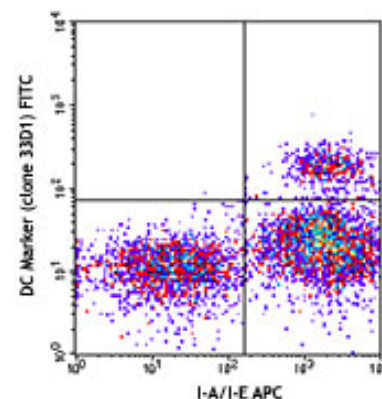
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.

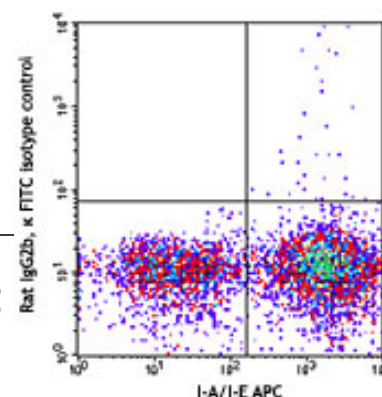
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 splenocytes were stained with I-A/I-E APC and DC Marker (clone 33D1) FITC (top) or rat IgG2b, κ FITC isotype control (bottom).



Applications:

Applications: FC - Quality tested
IF - Reported in the literature

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Crowley MT, *et al.* 1990. *J. Immunol. Methods* 133:55.
2. Nussenzweig MC, *et al.* 1982. *P. Natl. Acad. Sci. USA* 79:161.

Description: 33D1 antigen, also known as DCIR2 (dendritic cell inhibitory receptor 2), is reported to be a dendritic cell marker on subpopulation DC in spleen, thymus, Peyer's patch. It is reported that most N418 (CD11c)+ cells in spleen are also 33D1 positive. Bone marrow dendritic cells upregulate 33D1 antigen expression after incubation with GM-CSF.

Related Products:	Product	Clone	Application
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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