

## APC anti-mouse DC Marker (33D1)

**Catalog # / Size:** 124913 / 25 µg  
124914 / 100 µg

**Clone:** 33D1

**Isotype:** Rat IgG2b, κ

**Immunogen:** Mouse dendritic cells

**Reactivity:** Mouse

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

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

**Concentration:** 0.2 mg/ml

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

## Applications:

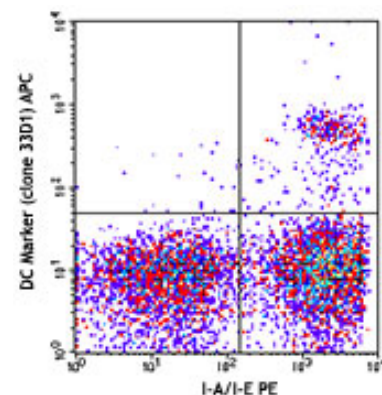
**Applications:** FC - *Quality tested*

**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.

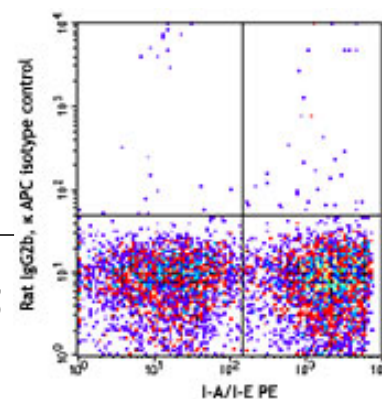
**Application References:** 1. Crowley MT, *et al.* 1990. *J. Immunol. Methods* 133:55.  
2. Nussenzweig MC, *et al.* 1982. *P. Natl. Acad. Sci. USA* 79:161.

**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
	APC Rat IgG2b, κ Isotype Ctrl	RTK4530	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	TruStain fcX™ (anti-mouse CD16/32)	93	FC



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



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