

Biotin anti-mouse DC Marker (33D1)

Catalog # / Size: 124903 / 50 µg
124904 / 500 µg

Clone: 33D1

Isotype: Rat IgG2b, κ

Immunogen: Mouse dendritic cells

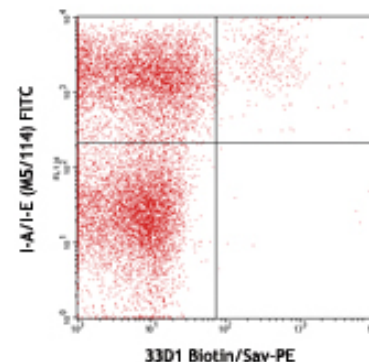
Reactivity: Mouse

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

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. **Do not freeze.**



BALB/c splenocytes stained with I-A/I-E (M5/114) FITC and biotinylated 33D1, followed by Sav-PE

Applications:

Applications: FC - *Quality tested*
IHC, 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 $\leq 0.25 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ 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
	Biotin 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



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