

APC anti-mouse CD314 (NKG2D)

Catalog # / Size: 130211 / 25 µg
130212 / 100 µg

Clone: CX5

Isotype: Rat IgG1, κ

Immunogen: Mouse NKG2D

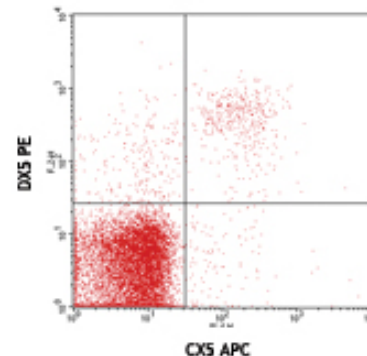
Reactivity: Mouse

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.**



C57BL/6 splenocytes stained with DX5 PE and CX 5 APC

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 ≤ 0.25 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: To reduce non-specific binding, preincubate cells with purified anti-mouse CD16/CD32, clone 93 (Cat No 101301/2) is recommended.

Application References:

- Ogasawara K, *et al.* 2003. *Immunity* 18:41. (Block)
- Ogasawara K, *et al.* 2004. *Immunity* 20:757. (Block)
- Kong LY, *et al.* 2010. *Clin. Cancer Res.* 16:2550. PubMed

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Description: This antibody has been reported to block binding of NKG2D to its ligands, RAE-1 and H60, and inhibition of NKG2D-dependent NK-cell cytotoxicity.

Related Products:	Product	Clone	Application
	APC Rat IgG1, κ Isotype Ctrl	RTK2071	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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