

## Purified anti-mouse CD314 (NKG2D)

**Catalog # / Size:** 130201 / 50 µg  
130202 / 500 µg

**Clone:** CX5

**Isotype:** Rat IgG1, κ

**Immunogen:** Mouse NKG2D

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography.

**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.

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

**Application References:**

1. Ogasawara K, *et al.* 2003. *Immunity* 18:41. (Block)
2. Ogasawara K, *et al.* 2004. *Immunity* 20:757. (Block)
3. 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.

<b>Related Products:</b>	<b>Product</b>	<b>Clone</b>	<b>Application</b>
	Purified Rat IgG1, κ Isotype Ctrl	RTK2071	FC, ICFC, ICC, IF, IHC, IP, WB
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC



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