

## Purified anti-mouse IgD

**Catalog # / Size:** 405701 / 50 µg  
405702 / 500 µg

**Clone:** 11-26c.2a

**Isotype:** Rat IgG2a, κ

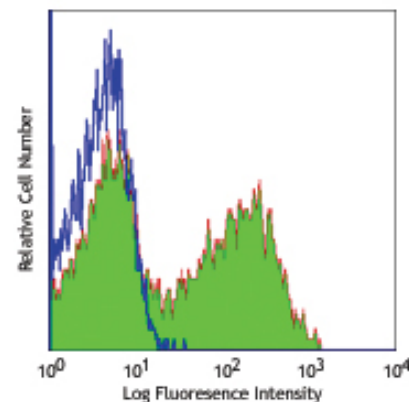
**Reactivity:** Mouse

**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.



C57BL/6 mouse splenocytes stained with purified 11-26c.2a, followed by anti-rat IgG FITC

## Applications:

**Applications:** FC - *Quality tested*  
IHC - *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 ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

**Application Notes:** The 11-26c.2a antibody reacts with immunoglobulin D in all tested mouse haplotypes. The antibody binds membrane IgD expressed on most B cells. The 11-26c.2a antibody neither induces proliferation of splenic B cells nor induces B cell activation. Additional reported applications (for the relevant formats) include: immunohistochemical staining of acetone-fixed frozen sections<sup>2,3</sup>.

**Application References:**

1. Nitschke L, *et al.* 1993. *P. Natl. Acad. Sci. USA* 90:1887. (FC)
2. Weih D, *et al.* 2001. *J. Immunol.* 167:1909. (IHC)
3. Koni PA, *et al.* 2001. *J. Exp. Med.* 193:741. (IHC)
4. Ahuja A, *et al.* 2007. *J. Immunol.* 179:3351. (FC) PubMed
5. Haynes NM, *et al.* 2007. *J. Immunol.* 179:5099. (FC)
6. Good-Jacobson KL, *et al.* 2010. *Nat. Immunol.* 11:535. (FC) PubMed
7. Tomayko MM, *et al.* 2010. *J. Immunol.* 185:7146. PubMed
8. Park SY, *et al.* 2013. *J. Immunol.* 190:1094. PubMed

**Description:** Surface IgD is an important B cell differentiation marker.

### Related Products:

Product	Clone	Application
Purified anti-mouse/human CD45R/B220	RA3-6B2	FC, IHC, IP, CyTOF®
Biotin Goat anti-rat IgG (minimal x-reactivity)	Poly4054	FC, ELISA, WB
PE Streptavidin		FC, ICFC
PE/Cy5 Streptavidin		FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
Purified anti-mouse CD19	6D5	FC, IP, WB, CyTOF®
Purified Rat IgG2a, κ Isotype Ctrl	RTK2758	FC, ICC, IF, IHC, IP, WB
Purified anti-mouse CD19	MB19-1	FC, IP



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