

**PerCP anti-mouse IgD**

**Catalog # / Size:** 2628680 / 100 µg  
2628675 / 25 µg

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

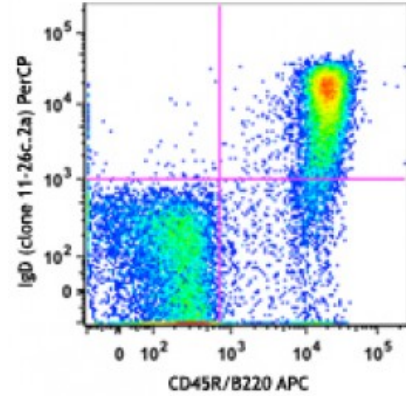
**Isotype:** Rat IgG2a, κ

**Reactivity:** Mouse

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

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

**Concentration:** 0.2

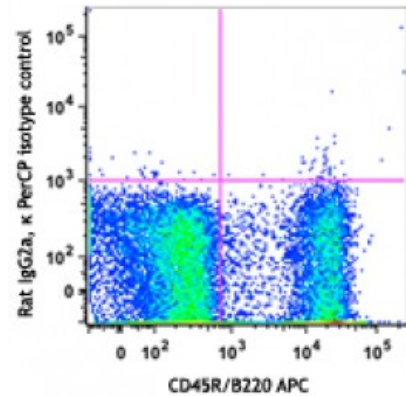


C57BL/6 mouse splenocytes were stained with CD45R/B220 APC and IgD (clone 11-26c.2a) PerCP (top) or rat IgG2a, κ PerCP isotype control (bottom).

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.25 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



\* PerCP has a maximum absorption of 482 nm and a maximum emission of 675 nm.

**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](#)
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**Description:** Surface IgD is an important B cell differentiation marker.