SONY

Product Data Sheet

PE anti-mouse IgD

Catalog # / Size:	2628525 / 50 µg 2628530 / 200 µg
Clone:	11-26c.2a
Isotype:	Rat IgG2a, κ
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.2

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 10^6 cells in 100 microL 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[2,3].

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.

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