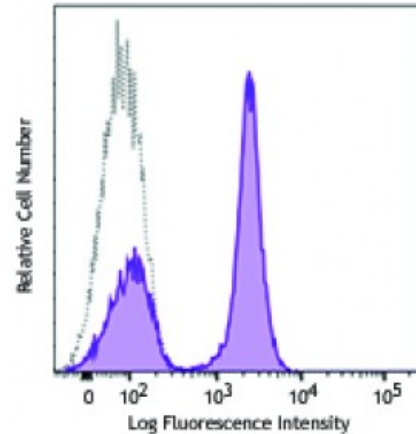


FITC anti-mouse CD19

Catalog # / Size:	1362015 / 25 µg 1362020 / 100 µg
Clone:	1D3/CD19
Isotype:	Rat IgG2a, κ
Immunogen:	Transfected k562 cells expressing the extracellular domain of murine CD19.
Reactivity:	Mouse
Preparation:	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	Lot-specific



C57BL/6 mouse splenocytes were stained with CD19 FITC (clone 1D3/CD19, filled histogram) or rat IgG2a, κ FITC isotype control (open histogram).

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 ≤0.125 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

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Application Notes:	Additional reported applications (for the relevant formats) include: blocking ^{1,2} and immunoprecipitation ¹ .
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Application References:	1. Krop I, <i>et al.</i> 1996. <i>Eur. J. Immunol.</i> 26:238. (FC, Blocking, IP) 2. Abraham P, <i>et al.</i> 2014. <i>Clin. Exp. Immunol.</i> 175:181. (Blocking)
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Description:	CD19 is a 95 kD glycoprotein also known as B4. It is a member of the Ig superfamily, expressed on all pro-B to mature B cells (during development) and follicular dendritic cells. Plasma cells do not express CD19. CD19, in association with CD21 and CD81, forms a molecular complex integral to B cell activation.
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Antigen References:	1. Fearon DT. 1993. <i>Curr. Opin. Immunol.</i> 5:341. 2. Krop I, <i>et al.</i> 1996. <i>Eur. J. Immunol.</i> 26:238. 3. Krop I, <i>et al.</i> 1996. <i>J. Immunol.</i> 157:48. 4. Tedder TF, <i>et al.</i> 1994. <i>Immunol. To</i>
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