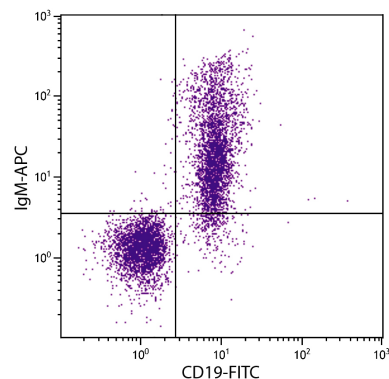




Rat Anti-Mouse IgM

Cat. No.	Format	Size
1140-01	Purified (UNLB)	0.5 mg
1140-02	Fluorescein (FITC)	0.5 mg
1140-04	Alkaline Phosphatase (AP)	1.0 mL
1140-05	Horseradish peroxidase (HRP)	1.0 mL
1140-08	Biotin (BIOT)	0.5 mg
1140-09	R-phycoerythrin (PE)	0.1 mg
1140-09L	R-phycoerythrin (PE)	0.2 mg
1140-11	Allophycocyanin (APC)	0.1 mg
1140-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	0.1 mg
1140-32	Alexa Fluor [®] 555 (AF555)	0.1 mg



BALB/c mouse splenocytes were stained with Rat Anti-Mouse IgM-APC (SB Cat. No. 1140-11) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

Overview

Clone	1B4B1
Isotype	Rat IgG ₁ κ
Immunogen	Unknown
Specificity	Mouse IgM

Applications

FC – Quality tested¹⁻⁶
 ELISA – Quality tested⁷⁻¹⁰
 FLISA – Quality tested
 IHC-FS – Reported in literature¹¹⁻¹⁵
 WB¹⁹
 ELISPOT – Reported in literature¹⁶
 PLA – Reported in literature¹⁷
 SPR – Reported in literature¹⁸

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1.0 μg/10 ⁶ cells
	PE, APC, and PE/CY7 conjugates	≤ 0.1 μg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
ELISA	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400
	AF555 conjugate	1:100 – 1:400
	PE and APC conjugates	≤ 1 μg/mL

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL or 0.2 mg in 2.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The allophycocyanin (APC) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The R-phycoerythrin-Cyanine 7 (PE/CY7) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor[®] 555 (AF555) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

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