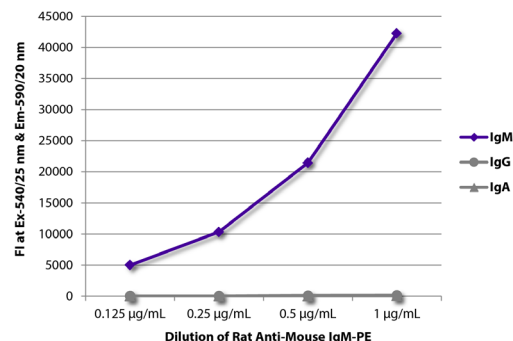




Rat Anti-Mouse IgM

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
1140-30	Alexa Fluor® 488 (AF488)	0.1 mg
1140-31	Alexa Fluor® 647 (AF647)	0.1 mg
1140-32	Alexa Fluor® 555 (AF555)	0.1 mg



FLISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgM-PE (SB Cat. No. 1140-09).

Overview

Clone	1B4B1
Isotype	Rat IgG _{2b} K
Immunogen	Unknown
Specificity	Mouse IgM

Applications

FC – Quality tested ¹⁻⁶
 ELISA – Quality tested ⁷⁻¹⁰
 FLISA – Quality tested
 IHC-FS – Reported in literature ¹¹⁻¹⁵
 WB ¹⁹
 ELISPOT – Reported in literature ¹⁶
 PLA – Reported in literature ¹⁷
 SPR – Reported in literature ¹⁸

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, AF488, and AF555 conjugates	1:100 – 1:400
	PE, APC, and AF647 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 in a stock solution of 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 in a stock solution of 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® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are 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 SDS.

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26-Oct-21

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