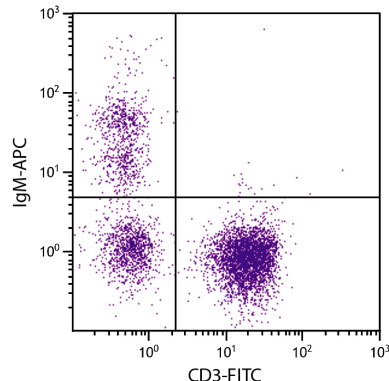




Mouse Anti-Chicken IgM

Cat. No.	Format	Size
8310-01	Purified (UNLB)	0.5 mg
8310-02	Fluorescein (FITC)	0.5 mg
8310-08	Biotin (BIOT)	0.5 mg
8310-09	R-phycoerythrin (PE)	0.1 mg
8310-11	Allophycocyanin (APC)	0.1 mg
8310-13	Spectral Red® (SPRD)	0.1 mg
8310-31	Alexa Fluor® 647 (AF647)	0.1 mg



Chicken peripheral blood lymphocytes were stained with Mouse Anti-Chicken IgM-APC (SB Cat. No. 8310-11) and Mouse Anti-Chicken CD3-FITC (SB Cat. No. 8200-02).

Overview

Clone	M-1
Isotype	Mouse (BALB/c) IgG _{2b} K
Immunogen	Affinity purified chicken Ig or isolated lymphocytes
Specificity	Chicken/Turkey IgM; Mr 820–950 kDa
Alternate Name(s)	N/A

Applications

FC – Quality tested ^{2,3,7-20}
 ELISA – Quality tested
 FLISA – Quality tested
 IHC-FS – Reported in literature ²⁻⁴
 ICC – Reported in literature ¹
 IP – Reported in literature ^{1,2,5}
 Stim – Reported in literature ⁶

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1 µg/10 ⁶ cells
	APC, PE, SPRD, and AF647 conjugates	≤ 0.2 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
FLISA	FITC conjugate	1:100 – 1:400
	PE, APC, and AF647 conjugates	≤ 1 µg/mL
ELISA	BIOT conjugate	1:5,000 – 1:10,000
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 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) and allophycocyanin (APC) conjugates are 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 Spectral Red® (SPRD) 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® 647 (AF647) conjugate is supplied as 0.1 mg in 0.2 mL 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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