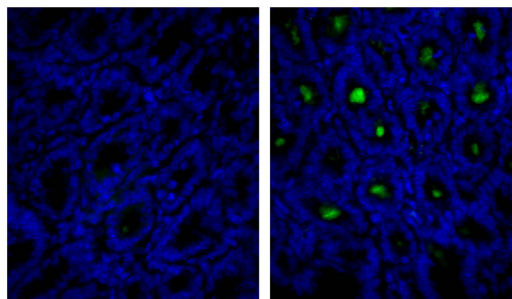




Rat Anti-Mouse IgA

Cat. No.	Format	Size
1165-01	Purified (UNLB)	0.5 mg
1165-02	Fluorescein (FITC)	0.5 mg
1165-04	Alkaline Phosphatase (AP)	1.0 mL
1165-05	Horseradish Peroxidase (HRP)	1.0 mL
1165-08	Biotin (BIOT)	0.5 mg
1165-09	R-phycoerythrin (PE)	0.1 mg
1165-09L	R-phycoerythrin (PE)	0.2 mg
1165-11	Allophycocyanin (APC)	0.1 mg



Frozen mouse intestine section was stained with Rat IgG₁-UNLB isotype control (SB Cat. No. 0116-01; left) and Rat Anti-Mouse IgA-UNLB (SB Cat. No. 1165-01; right) followed by Mouse Anti-Rat IgG₁-FITC (SB Cat. No. 3060-02) and DAPI.

Overview

Clone	11-44-2
Isotype	Rat IgG ₁ κ
Immunogen	Unknown
Specificity	Mouse IgA
	Minimal reactivity to human, bovine, rat, horse, hamster, goat, sheep, chicken, guinea pig, donkey, and rabbit serum

Applications

FC – Quality tested¹⁴⁻²¹
 ELISA – Quality tested¹⁻¹³
 FLISA – Quality tested
 IHC-FS – Reported in literature^{19,22,23}
 IHC-PS²⁴
 WB²⁵

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1 μg/10 ⁶ cells
	PE and APC conjugates	≤ 0.2 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
	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 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!**
- 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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