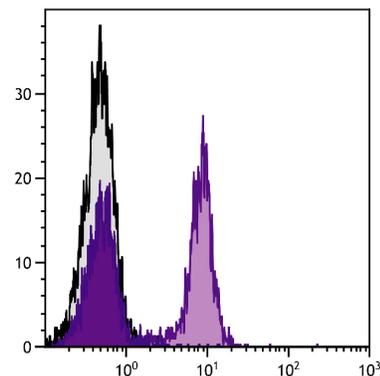




Mouse Anti-Rat IgG₁

Cat. No.	Format	Size
3060-01	Purified (UNLB)	0.5 mg
3060-02	Fluorescein (FITC)	0.5 mg
3060-05	Horseradish Peroxidase (HRP)	1.0 mL
3060-08	Biotin (BIOT)	0.5 mg
3060-09	R-phycoerythrin (PE)	0.1 mg
3060-15	Cyanine 5 (CY5)	0.1 mg



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD22-UNLB (SB Cat. No. 1580-01) followed by Mouse Anti-Rat IgG₁-BIOT (SB Cat. No. 3060-08) and Streptavidin-FITC (SB Cat. No. 7100-02).

Overview

Clone	G17E7
Isotype	Mouse (BALB/c) IgG _{1κ}
Immunogen	Rat IgG ₁ hybridoma
Specificity	Rat IgG ₁

Applications

FC – Quality tested ¹⁻⁵
 ELISA – Quality tested ^{6,7}
 FLISA – Quality tested
 IHC-FS ⁸

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1 μg/10 ⁶ cells
	PE and CY5 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	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 CY5 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.	

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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 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 of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Cyanine 5 (CY5) conjugate is supplied as 0.1 mg in 1.0 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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7. Kroghsbo S, Andersen NB, Rasmussen TF, Jacobsen S, Madsen CB. Acid hydrolysis of wheat gluten induces formation of new epitopes but does not enhance sensitizing capacity by the oral route: a study in "gluten free" Brown Norway rats. *PLoS One.* 2014;9(9):e107137. (ELISA)
8. SouthernBiotech published data (IHC-FS)

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