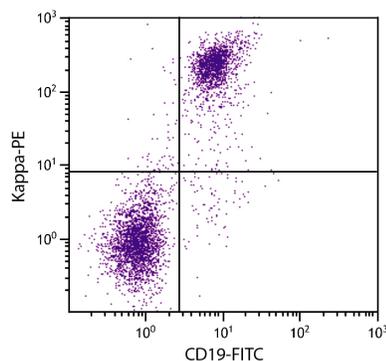




Rat Anti-Mouse Kappa

Cat. No.	Format	Size
1180-01	Purified (UNLB)	0.5 mg
1180-02	Fluorescein (FITC)	0.5 mg
1180-04	Alkaline Phosphatase (AP)	1.0 mL
1180-05	Horseradish Peroxidase (HRP)	1.0 mL
1180-08	Biotin (BIOT)	0.5 mg
1180-09	R-phycoerythrin (PE)	0.1 mg
1180-09L	R-phycoerythrin (PE)	0.2 mg



BALB/c mouse splenocytes were stained with Rat Anti-Mouse Kappa-PE (SB Cat. No. 1180-09) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

Overview

Clone	H139-52.1
Isotype	Rat (LOU/Ws1) IgG ₁ κ
Immunogen	Unknown
Specificity	Mouse κ

Applications

FC – Quality tested ^{2,5-8}
 ELISA – Quality tested ²⁻⁴
 FLISA – Quality tested
 ICC – Reported in literature ⁸
 WB ⁹

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	≤ 1 μg/10 ⁶ cells
	PE conjugate	≤ 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	1:500 – 1:1,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400
	PE conjugate	≤ 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 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!**
- 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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9. SouthernBiotech unpublished data (WB)