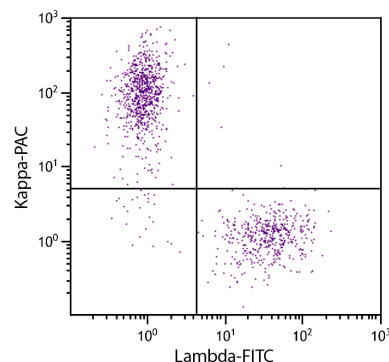




Mouse Anti-Human Kappa

Cat. No.	Format	Size
9230-01	Purified (UNLB)	0.5 mg
9230-02	Fluorescein (FITC)	0.5 mg
9230-04	Alkaline Phosphatase (AP)	1.0 mL
9230-05	Horseradish Peroxidase (HRP)	1.0 mL
9230-08	Biotin (BIOT)	0.5 mg
9230-09	R-phycoerythrin (PE)	0.1 mg
9230-11	Allophycocyanin (APC)	0.1 mg
9230-30	Alexa Fluor® 488 (AF488)	0.1 mg
9230-31	Alexa Fluor® 647 (AF647)	0.1 mg
9230-32	Alexa Fluor® 555 (AF555)	0.1 mg



CD19+ human B-lymphocytes were stained with Mouse Anti-Human Kappa-APC (SB Cat. No. 9230-11) and Goat F(ab')₂ Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

Overview

Clone	SB81a
Isotype	Mouse (BALB/c) IgG _{1κ}
Immunogen	Unknown
Specificity	Human Kappa; Mr 25 kDa

Applications

ELISA – Quality tested ¹⁻³
 FLISA – Quality tested
 FC – Quality tested ⁴

Working Dilutions

ELISA	AP conjugate	1:1,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC, AF488, and AF555 conjugates	1:200 – 1:400
	PE, APC, and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	PE, APC, and AF647 conjugates	≤ 0.1 µg/10 ⁶ cells
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 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) 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 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.

References

1. Christianson GJ, Sun VZ, Akilesh S, Pesavento E, Proetzel G, Roopenian DC. Monoclonal antibodies directed against human FcRn and their applications. *MABs*. 2012;4:208-16. (ELISA)
2. Strop P, Ho W, Boustany LM, Abdiche YN, Lindquist KC, Farias SE, et al. Generating bispecific human IgG1 and IgG2 antibodies from any antibody pair. *J Mol Biol*. 2012;420:204-19. (ELISA)
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4. Zhou X, Xiang Y, Ding X, Garrard WT. A new hypersensitive site, HS10, and the enhancers, E3' and Ed, differentially regulate Igκ gene expression. *J Immunol*. 2012;188:2722-32. (FC)

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