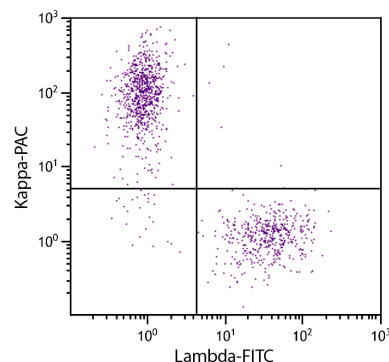




## Mouse Anti-Human Kappa

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')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

### Overview

<b>Clone</b>	SB81a
<b>Isotype</b>	Mouse (BALB/c) IgG <sub>1κ</sub>
<b>Immunogen</b>	Unknown
<b>Specificity</b>	Human Kappa; Mr 25 kDa

### Applications

ELISA – Quality tested <sup>1-3</sup>  
 FLISA – Quality tested  
 FC – Quality tested <sup>4</sup>

### Working Dilutions

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

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## Handling and Storage

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- 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/NaN<sub>3</sub>. 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 MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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/NaN<sub>3</sub>. 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/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor<sup>®</sup> 488 (AF488), Alexa Fluor<sup>®</sup> 555 (AF555), and Alexa Fluor<sup>®</sup> 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN<sub>3</sub>. 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

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Some reagents contain sodium azide. Please refer to product specific SDS.

## References

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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)
3. Dadehbeigi N, Dickson AJ. Application of a nonradioactive method of measuring protein synthesis in industrially relevant Chinese hamster ovary cells. *Biotechnol Prog*. 2013;29:1043-9. (ELISA)
4. Zhou X, Xiang Y, Ding X, Garrard WT. A new hypersensitive site, HS10, and the enhancers, E3' and Ed, differentially regulate Ig $\kappa$  gene expression. *J Immunol*. 2012;188:2722-32. (FC)

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