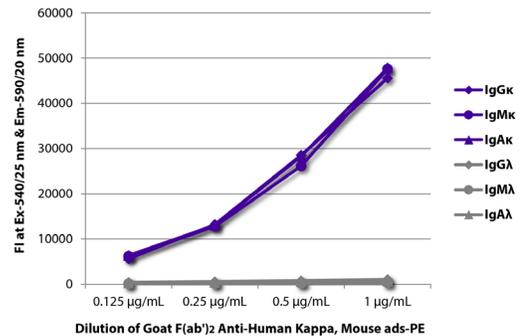




Goat F(ab')₂ Anti-Human Kappa, Mouse ads

Cat. No.	Format	Size
2063-01	Purified (UNLB)	0.5 mg
2063-02	Fluorescein (FITC)	0.5 mg
2063-04	Alkaline Phosphatase (AP)	1.0 mL
2063-08	Biotin (BIOT)	0.5 mg
2063-09	R-phycoerythrin (PE)	0.25 mg
2063-31	Alexa Fluor® 647 (AF647)	0.5 mg



FLISA plate was coated with purified human IgGκ, IgMκ, IgAκ, IgGλ, IgMλ, and IgAλ. Immunoglobulins were detected with serially diluted Goat F(ab')₂ Anti-Human Kappa, Mouse ads-PE (SB Cat. No. 2063-09).

Description

Specificity	Reacts with human κ light chains
Source	Pepsin digest of Goat Anti-Human Kappa, Mouse ads (SB Cat. No. 2061)
Cross Adsorption	Human λ light chains; mouse immunoglobulins and pooled sera; may react with κ light chains from other species

Applications

Quality tested applications include –

ELISA³
FLISA
FC^{1,2}

Other referenced applications include –

ELISPOT³
Stim^{3,4}

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC and BIOT conjugates	≤ 1 µg/10 ⁶ cells
	PE conjugate	≤ 0.1 µg/10 ⁶ cells
	AF647 conjugate	≤ 0.3 µg/10 ⁶ cells
For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL		

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 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) and Alexa Fluor® 647 (AF647) conjugates are 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 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 0.25 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.

References

1. Akamatsu Y, Pakabunto K, Xu Z, Zhang Y, Tsurushita N. Whole IgG surface display on mammalian cells: Application to isolation of neutralizing chicken monoclonal anti-IL-12 antibodies. *J Immunol Methods.* 2007;327:40-52. (FC)
2. Wilson TJ, Fuchs A, Colonna M. Cutting edge: human FcRL4 and FcRL5 are receptors for IgA and IgG. *J Immunol.* 2012;188:4741-5. (FC)
3. Velez M, Kane M, Liu SM, Gauld SB, Cambier JC, Torres RM, et al. Ig allotypic inclusion does not prevent B cell development or response. *J Immunol.* 2007;179:1049-57. (ELISA, ELISPOT, Stim)
4. Hoogeboom R, van Kessel KP, Hochstenbach F, Wormhoudt TA, Reinten RJ, Wagner K, et al. A mutated B cell chronic lymphocytic leukemia subset that recognizes and responds to fungi. *J Exp Med.* 2013;210:59-70. (Stim)

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