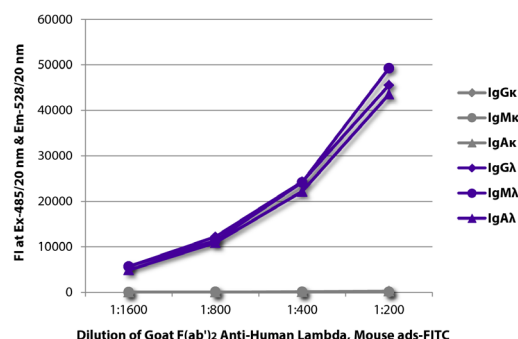


## Goat F(ab')<sub>2</sub> Anti-Human Lambda, Mouse ads

Cat. No.	Format	Size
2073-01	Purified (UNLB)	0.5 mg
2073-02	Fluorescein (FITC)	0.5 mg
2073-04	Alkaline Phosphatase (AP)	1.0 mL
2073-05	Horseradish Peroxidase (HRP)	1.0 mL
2073-08	Biotin (BIOT)	0.5 mg
2073-09	R-phycoerythrin (PE)	0.25 mg
2073-30	Alexa Fluor® 488 (AF488)	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')<sub>2</sub> Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2073-02).

## Description

<b>Specificity</b>	Reacts with human λ light chains
<b>Source</b>	Pepsin digest of Goat Anti-Human Lambda, Mouse ads (SB Cat. No. 2071)
<b>Cross Adsorption</b>	Human κ light chains; mouse immunoglobulins and pooled sera; may react with λ light chains from other species

## Applications

Quality tested applications include –

ELISA  
FLISA  
FC <sup>1</sup>

Other referenced applications include –

Stim <sup>2</sup>

## Working Dilutions

<b>ELISA</b>	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC and AF488 conjugates	1:200 – 1:400
	PE conjugate	≤ 1 µg/mL
<b>Flow Cytometry</b>	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE conjugate	≤ 0.1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<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.**

## 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® 488 (AF488) conjugates are 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) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaN<sub>3</sub> 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. 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)
2. 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)

Alexa Fluor® 488, 647, and 555 are provided under an Intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).