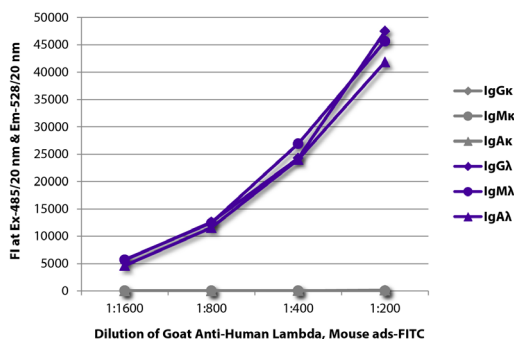




## Goat Anti-Human Lambda, Mouse ads

Cat. No.	Format	Size
2071-01	Purified (UNLB)	1.0 mg
2071-02	Fluorescein (FITC)	1.0 mg
2071-04	Alkaline Phosphatase (AP)	1.0 mL
2071-05	Horseradish Peroxidase (HRP)	1.0 mL
2071-08	Biotin (BIOT)	1.0 mg
2071-09	R-phycoerythrin (PE)	0.5 mg
2071-31	Alexa Fluor® 647 (AF647)	1.0 mg



FLISA plate was coated with purified human IgG $\kappa$ , IgM $\kappa$ , IgA $\kappa$ , IgG $\lambda$ , IgM $\lambda$ , and IgA $\lambda$ . Immunoglobulins were detected with serially diluted Goat Anti-Human Lambda, Mouse ads-FITC (SB Cat. No. 2071-02).

### Description

<b>Specificity</b>	Reacts with human $\lambda$ light chains
<b>Source</b>	Pooled antisera from goats hyperimmunized with human $\lambda$ light chains
<b>Cross Adsorption</b>	Human $\kappa$ light chains; mouse immunoglobulins and pooled sera; may react with $\lambda$ light chains from other species
<b>Purification</b>	Affinity chromatography on human $\lambda$ light chains covalently linked to agarose

### Applications

Quality tested applications include –

ELISA  
FLISA  
FC

### Working Dilutions

<b>ELISA</b>	Purified (UNLB) antibody	$\leq 1 \mu\text{g/mL}$
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:2,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000

<b>FLISA</b>	FITC conjugate	1:200 – 1:400
	PE and AF647 conjugates	$\leq 1 \mu\text{g/mL}$

<b>Flow Cytometry</b>	Purified (UNLB) antibody	$\leq 1 \mu\text{g}/10^6 \text{ cells}$
	FITC and BIOT conjugates	$\leq 1 \mu\text{g}/10^6 \text{ cells}$
	AF647 conjugate	$\leq 0.3 \mu\text{g}/10^6 \text{ cells}$
	PE conjugate	$\leq 0.1 \mu\text{g}/10^6 \text{ cells}$

For flow cytometry, the suggested use of these reagents is in a final volume of 100  $\mu\text{L}$ .

**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

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- The purified (UNLB) antibody is supplied as 1.0 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 1.0 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 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 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

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

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TB2071  
10-Jun-21

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