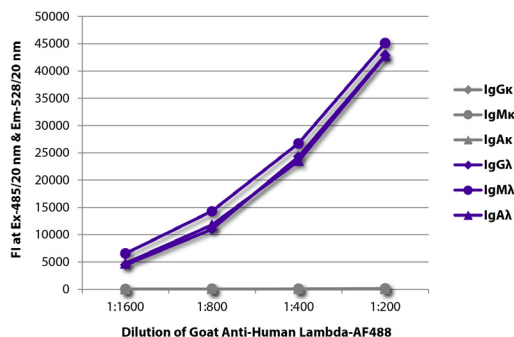




Goat Anti-Human Lambda

Cat. No.	Format	Size
2070-01	Purified (UNLB)	1.0 mg
2070-02	Fluorescein (FITC)	1.0 mg
2070-03	Rhodamine (TRITC)	1.0 mg
2070-04	Alkaline Phosphatase (AP)	1.0 mL
2070-05	Horseradish Peroxidase (HRP)	1.0 mL
2070-07	Texas Red® (TXRD)	1.0 mg
2070-08	Biotin (BIOT)	1.0 mg
2070-09	R-phycoerythrin (PE)	0.5 mg
2070-30	Alexa Fluor® 488 (AF488)	1.0 mg
2070-31	Alexa Fluor® 647 (AF647)	1.0 mg
2070-32	Alexa Fluor® 555 (AF555)	1.0 mg



FLISA plate was coated with purified human IgGκ, IgMκ, IgAκ, IgGλ, IgMλ, and IgAλ. Immunoglobulins were detected with serially diluted Goat Anti-Human Lambda-AF488 (SB Cat. No. 2070-30).

Description

Specificity	Reacts with human λ light chains
Source	Pooled antisera from goats hyperimmunized with human λ light chains
Cross Adsorption	Human κ light chains; may react with λ light chains from other species
Purification	Affinity chromatography on human λ light chains covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹⁻¹¹
FLISA
FC¹⁸⁻²⁰

Other referenced applications include –

ELISPOT¹²
IHC-PS¹³
ICC¹⁴⁻¹⁶
WB¹⁶
IP¹⁷
SPR²¹
Stim²²

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, TRITC, TXRD, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, AF488, and BIOT conjugates	≤ 1 µg/10 ⁶ cells
	PE and AF647 conjugates	≤ 0.1 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 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), rhodamine (TRITC), Texas Red® (TXRD), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/Na₂SO₄. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing Na₂SO₄ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 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/Na₂SO₄. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/Na₂SO₄ 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 (M)SDS.

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