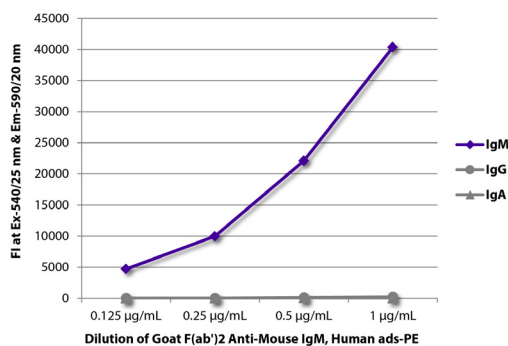




Goat F(ab')₂ Anti-Mouse IgM, Human ads

Cat. No.	Format	Size
1022-01	Purified (UNLB)	0.5 mg
1022-02	Fluorescein (FITC)	0.5 mg
1022-05	Horseradish Peroxidase (HRP)	1.0 mL
1022-08	Biotin (BIOT)	0.5 mg
1022-09	R-phycoerythrin (PE)	0.25 mg
1022-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
1022-30	Alexa Fluor [®] 488 (AF488)	0.5 mg
1022-31	Alexa Fluor [®] 647 (AF647)	0.5 mg
1022-32	Alexa Fluor [®] 555 (AF555)	0.5 mg



FLISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat F(ab')₂ Anti-Mouse IgM, Human ads-PE (SB Cat. No. 1022-09).

Description

Specificity	Reacts with the heavy chain of mouse IgM
Source	Pepsin digest of Goat Anti-Mouse IgM, Human ads (SB Cat. No. 1020)
Cross Adsorption	Mouse IgG and IgA; human immunoglobulins and pooled sera; may react with immunoglobulins from other species

Applications

Quality tested applications include –

ELISA¹
 FLISA
 FC²⁻⁷

Other referenced applications include –

IHC-FS⁸
 IHC-PS⁹
 ICC^{10,11}
 Stim¹²⁻²⁵
 Purification²⁶

Working Dilutions

ELISA	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 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 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), Alexa Fluor 488® (AF488), Alexa Fluor 555® (AF555), 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 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/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!**
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. **Aliquot and store at or below -20°C.**
- 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.

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