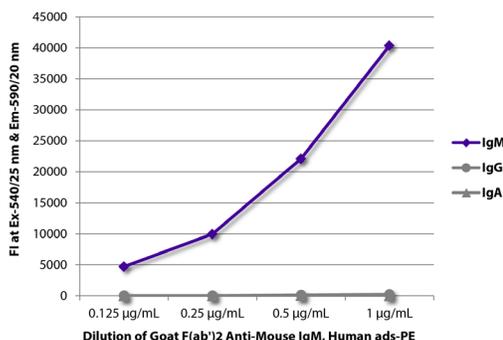




Goat F(ab')₂ Anti-Mouse IgM, Human ads

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 –

ELISA ¹
 FLISA
 FC ²⁻⁷

Other referenced applications include –

IHC-FS ⁸
 IHC-PS ⁹
 ICC ^{10,11}
 Stim ¹²⁻²⁵
 Purification ²⁶

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.	

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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. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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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