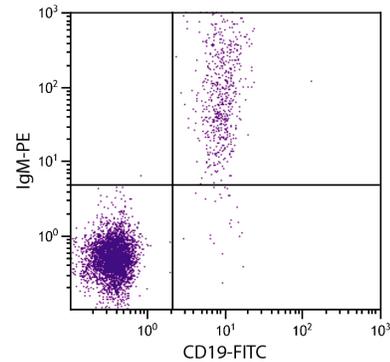




## Goat F(ab')<sub>2</sub> Anti-Human IgM

Cat. No.	Format	Size
2022-01	Purified (UNLB)	0.5 mg
2022-02	Fluorescein (FITC)	0.5 mg
2022-04	Alkaline Phosphatase (AP)	1.0 mL
2022-05	Horseradish Peroxidase (HRP)	1.0 mL
2022-08	Biotin (BIOT)	0.5 mg
2022-09	R-phycoerythrin (PE)	0.25 mg
2022-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg
2022-30	Alexa Fluor 488® (AF488)	0.5 mg
2022-31	Alexa Fluor 647® (AF647)	0.5 mg
2022-32	Alexa Fluor 555® (AF555)	0.5 mg



Human peripheral blood lymphocytes were stained with Goat F(ab')<sub>2</sub> Anti-Human IgM-PE (SB Cat. 2022-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).

### Description

<b>Specificity</b>	Reacts with the heavy chain of human IgM
<b>Source</b>	Pepsin digest of Goat Anti-Human IgM (SB Cat. No. 2020)
<b>Cross Adsorption</b>	Human IgG and IgA; may react with IgM from other species

### Applications

Quality tested applications include –

- ELISA <sup>1</sup>
- FLISA
- FC <sup>3,4</sup>

Other referenced applications include –

- ICC <sup>15</sup>
- ELISPOT <sup>2</sup>
- Stim <sup>5-14</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:1,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
<b>Flow Cytometry</b>	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE and AF647 conjugates	≤ 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

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- 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), biotin (BIOT), 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/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 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!**
- 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

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

## References

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