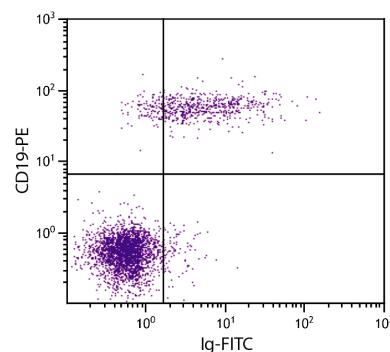




Goat F(ab')₂ Anti-Human Ig

Cat. No.	Format	Size
2012-01	Purified (UNLB)	0.5 mg
2012-02	Fluorescein (FITC)	0.5 mg
2012-04	Alkaline Phosphatase (AP)	1.0 mL
2012-05	Horseradish Peroxidase (HRP)	1.0 mL
2012-08	Biotin (BIOT)	0.5 mg
2012-09	R-phycoerythrin (PE)	0.25 mg
2012-30	Alexa Fluor® 488 (AF488)	0.5 mg
2012-32	Alexa Fluor® 555 (AF555)	0.5 mg



Human peripheral blood lymphocytes were stained with Goat F(ab')₂ Anti-Human Ig-FITC (SB Cat. 2012-02) and Mouse Anti-Human CD19-PE (SB Cat. No. 9340-09).

Description

Specificity	Reacts with the heavy and light chains of human IgG, IgM, and IgA
Source	Pepsin digest of Goat Anti-Human Ig (SB Cat. No. 2010)
Cross Adsorption	None; may react with immunoglobulins from other species

Applications

Quality tested applications include –

ELISA ^{1,2,5}
FLISA
FC ^{7,8}

Other referenced applications include –

ELISPOT ^{3,4}
IHC-FS ⁶
Stim ^{9,10}

Working Dilutions

ELISA	AP conjugate	1:1,000 – 1:4,000
	HRP conjugate	1:2,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE conjugate	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	PE conjugate	≤ 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), and Alexa Fluor® 555 (AF555) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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 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!**
- 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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10. Lyubchenko T, Zerbe GO. B cell receptor signaling-based index as a biomarker for the loss of peripheral immune tolerance in autoreactive B cells in rheumatoid arthritis. *PLoS One*. 2014;9(7):e102128. (Stim)

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