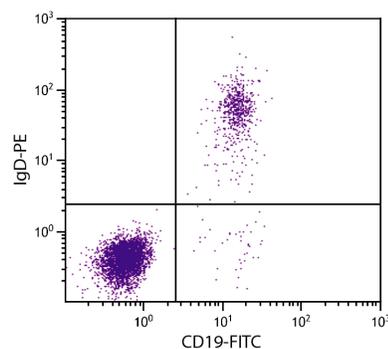




Goat Anti-Human IgD

Cat. No.	Format	Size
2030-01	Purified (UNLB)	1.0 mg
2030-02	Fluorescein (FITC)	1.0 mg
2030-03	Rhodamine (TRITC)	1.0 mg
2030-04	Alkaline Phosphatase (AP)	1.0 mL
2030-05	Horseradish Peroxidase (HRP)	1.0 mL
2030-07	Texas Red [®] (TXRD)	1.0 mg
2030-08	Biotin (BIOT)	1.0 mg
2030-09	R-phycoerythrin (PE)	0.5 mg
2030-30	Alexa Fluor 488 [®] (AF488)	1.0 mg
2030-31	Alexa Fluor 647 [®] (AF647)	1.0 mg
2030-32	Alexa Fluor 555 [®] (AF555)	1.0 mg



Human peripheral blood lymphocytes were stained with Goat Anti-Human IgD-PE (SB Cat. 2030-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).

Description

Specificity	Reacts with the heavy chain of human IgD
Source	Pooled antisera from goats hyperimmunized with human IgD
Cross Adsorption	Human IgG, IgM, and IgA; may react with IgD from other species
Purification	Affinity chromatography on human IgD covalently linked to agarose

Applications

Quality tested applications include –

ELISA
FLISA
FC⁵⁻¹⁷

Other referenced applications include –

IHC-FS¹⁻⁴
IHC-PS¹⁹
Sep¹⁸

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, 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 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/NaN₃. 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 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 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 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 (M)SDS.

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