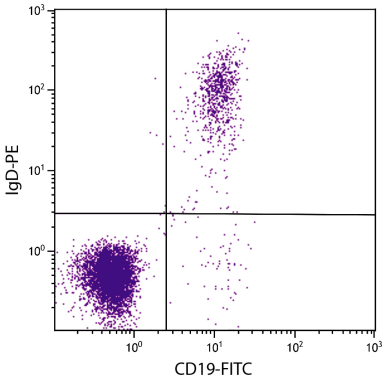
SouthernBiotech

Mouse Anti-Human IgD

Cat. No.	Format	Size
9030-01	Purified (UNLB)	0.5 mg
9030-02	Fluorescein (FITC)	0.5 mg
9030-04	Alkaline Phosphatase (AP)	1.0 mL
9030-05	Horseradish Peroxidase (HRP)	1.0 mL
9030-08	Biotin (BIOT)	0.5 mg
9030-09	R-phycoerythrin (PE)	0.1 mg
9030-30	Alexa Fluor® 488 (AF488)	0.1 mg
9030-31	Alexa Fluor® 647 (AF647)	0.1 mg



Human peripheral blood lymphocytes were stained with Mouse Anti-Human IgD-PE (SB Cat. No. 9030-09) and Mouse Anti-Human CD19-FITC (SB Cat. No. 9340-02).

Overview

Clone IADB6 (IA6-2)
Isotype Mouse (BALB/c) $IgG_{2a}\kappa$
Immunogen Human IgD myeloma protein
Specificity Human IgD; Mr 184 kDa

Applications

ELISA – Quality tested
FLISA – Quality tested
FC – Quality tested [4-10]
IHC-FS – Reported in literature [2]
IHC-PS – Reported in literature [3]
IP – Reported in literature [1]
Sep – Reported in literature [11,12]
Costim – Reported in literature [13,14]

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 20,000
FLISA	FITC and AF488 conjugates	1:200 – 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.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of 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) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. 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 $MgCl_2$/50% glycerol, pH 8.0, containing NaN_3 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/NaN_3. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488) and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN_3. Store at 2-8°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.

References

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