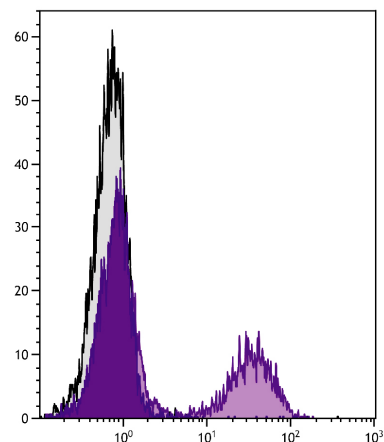




Goat F(ab')₂ Anti-Hamster IgG(H+L), Mouse/Rat ads

Cat. No.	Format	Size
6062-01	Purified (UNLB)	0.5 mg
6062-02	Fluorescein (FITC)	0.5 mg
6062-08	Biotin (BIOT)	0.5 mg
6062-09	R-phycoerythrin (PE)	0.25 mg



BALB/c mouse splenocytes were stained with Hamster Anti-Mouse CD3 ϵ -UNLB (SB Cat. No. 1531-01) followed by Goat F(ab')₂ Anti-Hamster IgG(H+L), Mouse/Rat ads-PE (SB Cat. No. 6062-09).

Description

Specificity	Reacts with the heavy and light chains of hamster IgG; may only react with Syrian hamster IgG
Source	Pepsin digest of Goat Anti-Hamster IgG(H+L), Mouse/Rat ads (SB Cat. No. 6061)
Cross Adsorption	Mouse and rat immunoglobulins and pooled sera; may react with immunoglobulins from other species and the light chains of other hamster immunoglobulins

Applications

Quality tested applications include –

ELISA
FLISA
FC¹⁻⁴

Other referenced applications include –

IHC⁵

Working Dilutions

ELISA	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC conjugate	1:200 – 1:400
	PE conjugate	≤ 1 μ g/mL
Flow Cytometry	FITC conjugate	≤ 1 μ g/10 ⁶
	PE conjugate	≤ 0.2 μ g/10 ⁶

For flow cytometry, the suggested use of these reagents is in a final volume of 100 μ L

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) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°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.

References

1. Nakanishi K, Matsui K, Kashiwamura S, Nishioka Y, Nomura J, Nishimura Y, et al. IL-4 and anti-CD40 protect against Fas-mediated B cell apoptosis and induce B cell growth and differentiation. *Int Immunol.* 1996;8:791-8. (FC)
2. Condon C, Hourihane SL, Dang-Lawson M, Escribano J, Matsuuchi L. Aberrant trafficking of the B cell receptor Ig- $\alpha\beta$ subunit in a B lymphoma cell line. *J Immunol.* 2000;165:1427-37. (FC)
3. Wong CW, Wiedle G, Ballestrin C, Wehrle-Haller B, Etteldorf S, Bruckner M, et al. PECAM-1/CD31 trans-homophilic binding at the intercellular junctions is independent of its cytoplasmic domain; evidence for heterophilic interaction with integrin $\alpha\beta 3$ in Cis. *Mol Biol Cell.* 2000;11:3109-21. (FC)
4. Itakura M, Tokuda A, Kimura H, Nagai S, Yoneyama H, Onai N, et al. Blockade of secondary lymphoid tissue chemokine exacerbates *Propionibacterium acnes*-induced acute lung inflammation. *J Immunol.* 2001;166:2071-9. (FC)
5. Weigmann B, Schwing J, Huber H, Ross R, Mossmann H, Knop J, et al. Diminished contact hypersensitivity response in IL-4 deficient mice at a late phase of the elicitation reaction. *Scand J Immunol.* 1997;45:308-14. (IHC)