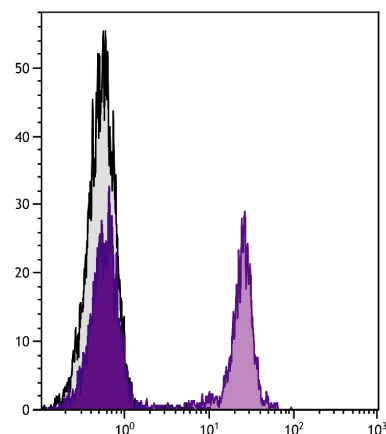




Neutralite Avidin

Cat. No.	Format	Size
7200-01	Purified (UNLB)	5.0 mg
7200-02	Fluorescein (FITC)	1.0 mg
7200-03	Rhodamine (TRITC)	1.0 mg
7200-04	Alkaline Phosphatase (AP)	1.0 mL
7200-05	Horseradish Peroxidase (HRP)	1.0 mL
7200-06	β -galactosidase (BGAL)	1.0 mL
7200-07	Texas Red® (TXRD)	1.0 mg
7200-09	R-phycoerythrin (PE)	0.5 mg
7200-11	Allophycocyanin (APC)	0.1 mg
7200-12	Cyanine 3 (CY3)	0.1 mg
7200-13	Spectral Red® (SPRD)	0.1 mg
7200-15	Cyanine 5 (CY5)	1.0 mg



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-BIOT (SB Cat. No. 1665-08) followed by Neutralite Avidin-CY3 (SB Cat. No. 7200-12).

Description

Specificity	Biotin
Source	Neutralized (pI = 6.3 \pm 0.3), deglycosylated avidin purified from egg white

Applications

Quality tested applications include –

ELISA ¹⁻⁹
 FLISA
 FC ^{2,10,12-14}

Other referenced applications include –

ELISPOT ^{3,10,11}
 IHC-FS ^{10,15-18}
 IHC-PS ¹⁹
 ICC ^{20,21}
 WB ^{4,22-24}
 Microarray ²⁵

Working Dilutions

Flow Cytometry	FITC and CY3 conjugates	$\leq 1 \mu\text{g}/10^6 \text{ cells}$
	PE, APC, SPRD, and CY5 conjugates	$\leq 0.2 \mu\text{g}/10^6 \text{ cells}$
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL	
FLISA	FITC, TRITC, TXRD, and CY3 conjugates	1:100 – 1:400
	PE, APC, and CY5 conjugates	$\leq 1 \mu\text{g}/\text{mL}$
ELISA	AP conjugate	1:500 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
	BGAL conjugate	1:500
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) avidin is supplied as 5.0 mg protein 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), and Cyanine 5 (CY5) 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 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 β-galactosidase (BGAL) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°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!**
- The allophycocyanin (APC) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Cyanine 3 (CY3) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. 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.

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Cy® is a registered trademark of GE Healthcare.

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