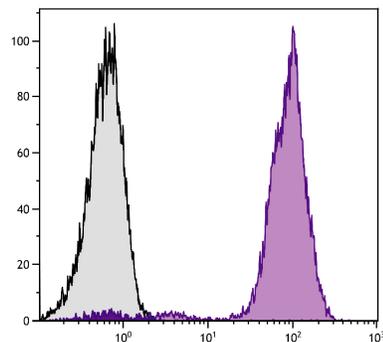




Mouse Anti-Chicken CD44

Cat. No.	Format	Size
8400-01	Purified (UNLB)	0.5 mg
8400-02	Fluorescein (FITC)	0.5 mg
8400-08	Biotin (BIOT)	0.5 mg
8400-09	R-phycoerythrin (PE)	0.1 mg
8400-11	Allophycocyanin (APC)	0.1 mg
8400-13	Spectral Red® (SPRD)	0.1 mg



Chicken peripheral blood lymphocytes were stained with Mouse Anti-Chicken CD44-PE (SB Cat. No. 8400-09).

Overview

Clone	AV6
Isotype	Mouse IgG ₁ κ
Immunogen	Unknown
Specificity	Chicken/Turkey/Pigeon CD44
Alternate Name(s)	N/A

Description

Chicken CD44 is a type I transmembrane glycoprotein expressed on many cell types including B cells, most T cells, monocytes, and some epithelial cells. CD44 primarily functions as an adhesion molecule. It has been implicated in various processes such as hematopoiesis, lymphocyte homing, leukocyte activation, tumor metastasis, and development. The monoclonal antibody AV6 also reacts with turkey peripheral blood mononuclear cells.

Applications

FC – Quality tested⁴⁻¹¹
 IHC-FS – Reported in literature^{1-3,12}

Working Dilutions

Flow Cytometry	Purified (UNLB) antibody	≤ 1 μg/10 ⁶ cells
	FITC and BIOT conjugates	≤ 1 μg/10 ⁶ cells
	PE, APC, and SPRD conjugates	≤ 0.2 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 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/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) and 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!**
- 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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Spectral Red[®] is a PE/CY5 tandem conjugate.

Cy[®] is a registered trademark of GE Healthcare.