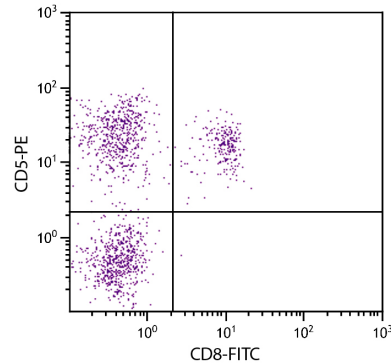




## Mouse Anti-Feline CD5

Cat. No.	Format	Size
8100-01	Purified (UNLB)	0.5 mg
8100-02	Fluorescein (FITC)	0.5 mg
8100-08	Biotin (BIOT)	0.5 mg
8100-09	R-phycoerythrin (PE)	0.1 mg



Feline peripheral blood lymphocytes were stained with Mouse Anti-Feline CD5-PE (SB Cat. No. 8100-09) and Mouse Anti-Feline CD8-FITC (SB Cat. No. 8120-02).

### Overview

<b>Clone</b>	f43
<b>Isotype</b>	Mouse IgG <sub>1</sub> κ
<b>Immunogen</b>	Feline T cells
<b>Specificity</b>	Feline/Lion CD5; Mr 72 kDa
<b>Alternate Name(s)</b>	fCD5, Pan T cell

### Description

Feline CD5, a member of the scavenger receptor family of cell surface receptors, is a type I transmembrane glycoprotein that is expressed on most thymocytes and mature T lymphocytes. CD5 is thought to function in both cell-cell recognition and signal transduction. The monoclonal antibody f43 is useful as a pan T cell marker.

### Applications

FC – Quality tested <sup>1,4-19</sup>  
 IHC-FS – Reported in literature <sup>2</sup>  
 IP – Reported in literature <sup>1</sup>  
 ELISA – Reported in literature <sup>3</sup>

### Working Dilutions

<b>Flow Cytometry</b>	FITC and BIOT conjugates	$\leq 1 \mu\text{g}/10^6 \text{ cells}$
	PE conjugate	$\leq 0.2 \mu\text{g}/10^6 \text{ cells}$
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 $\mu\text{L}$ .	
<b>Other Applications</b>	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

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- 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<sub>3</sub>. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN<sub>3</sub> 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

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Some reagents contain sodium azide. Please refer to product specific (M)SDS.

## References

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