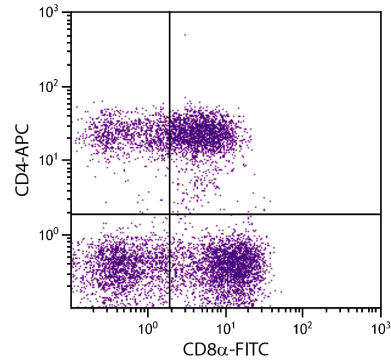




Mouse Anti-Porcine CD4

Cat. No.	Format	Size
4515-01	Purified (UNLB)	0.5 mg
4515-02	Fluorescein (FITC)	0.5 mg
4515-08	Biotin (BIOT)	0.5 mg
4515-09	R-phycoerythrin (PE)	0.1 mg
4515-11	Allophycocyanin (APC)	0.1 mg
4515-13	Spectral Red® (SPRD)	0.1 mg
4515-30	Alexa Fluor® 488 (AF488)	0.1 mg



Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD4-APC (SB Cat. No. 4515-11) and Mouse Anti-Porcine CD8α-FITC (SB Cat. No. 4520-02).

Overview

Clone	74-12-4
Isotype	Mouse (BALB/c) IgG _{2b} K
Immunogen	Fresh dd miniature swine thymocytes
Specificity	Porcine CD4; Mr 55 kDa
Alternate Name(s)	N/A

Description

Porcine CD4 is a type I transmembrane glycoprotein and a member of the immunoglobulin superfamily of cell surface receptors. CD4 is an accessory molecule in the recognition of foreign antigens in association with MHC Class II molecules by T lymphocytes.

Applications

FC – Quality tested ^{1,6,7,15,17-31}
 IHC-FS – Reported in literature ²⁻⁸
 IHC-PS – Reported in literature ^{9,10}
 ICC – Reported in literature ³²
 IP – Reported in literature ¹
 Sep – Reported in literature ¹¹⁻¹⁴
 Block – Reported in literature ^{15,16}
 CMCD – Reported in literature ¹

Working Dilutions

Flow Cytometry	FITC, BIOT and AF488 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) conjugates are 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 Alexa Fluor® 488 (AF488) 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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