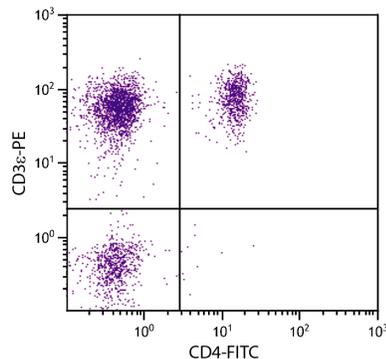




Mouse Anti-Porcine CD3 ϵ

Cat. No.	Format	Size
4510-01	Purified (UNLB)	0.5 mg
4510-02	Fluorescein (FITC)	0.5 mg
4510-08	Biotin (BIOT)	0.5 mg
4510-09	R-phycoerythrin (PE)	0.1 mg
4510-11	Allophycocyanin (APC)	0.1 mg
4510-13	Spectral Red [®] (SPRD)	0.1 mg
4510-30	Alexa Fluor [®] 488 (AF488)	0.1 mg



Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD3 ϵ -PE (SB Cat. No. 4510-09) and Mouse Anti-Porcine CD4-FITC (SB Cat. No. 4515-02).

Overview

Clone	PPT3
Isotype	Mouse (BALB/c) IgG ₁ κ
Immunogen	Purified CD3 molecules from porcine thymus
Specificity	Porcine CD3 ϵ ; Mr 23 kDa
Alternate Name(s)	N/A

Description

Porcine CD3 ϵ is a member of the T-cell receptor-associated CD3 complex. It is found on a subpopulation of thymocytes and on all pig T lymphocytes. The monoclonal antibody PPT3 is mitogenic when presented to peripheral blood mononuclear cells in immobilized form.

Applications

FC – Quality tested ^{1,11-19,21-27}
 IHC-FS – Reported in literature ^{1-4,20}
 IHC-PS – Reported in literature ⁵⁻⁷
 IP – Reported in literature ¹
 WB – Reported in literature ¹
 Sep – Reported in literature ⁸⁻¹²
 Stim – Reported in literature ¹
 Cyto – Reported in literature ¹

Working Dilutions

Flow Cytometry	FITC, BIOT, and AF488 conjugates	$\leq 1 \mu\text{g}/10^6$ cells
	PE, APC, and SPRD conjugates	$\leq 0.2 \mu\text{g}/10^6$ 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), allophycocyanin (APC), and Spectral Red[®] (SPRD) 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 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 (M)SDS.

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19-Sep-16

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