

Datasheet for ABIN376723

anti-CD3 epsilon antibody (SPRD)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	CD3 epsilon (CD3E)
Reactivity:	Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD3 epsilon antibody is conjugated to SPRD
Application:	Flow Cytometry (FACS)

Product Details

Brand:	Spectral Red [™]
Immunogen:	Purified CD3 molecules from porcine thymus
Clone:	PPT3
Isotype:	IgG1
Specificity:	Porcine CD3, Mr 23 kDa
Characteristics:	Mouse Anti-Porcine CD3e-SPRD
Purification:	Purified

Target Details

Target:	CD3 epsilon (CD3E)
Alternative Name:	CD3e (CD3E Products)

Target Details

Background: 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.

Pathways: [TCR Signaling](#), [CXCR4-mediated Signaling Events](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IHC-PS - Reported in literature , IP - Reported in literature , WB - Reported in literature , Sep - Reported in literature , Stim - Reported in literature , Cyto - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT, and AF488 conjugates 1 g/106 cells PE, APC, and SPRD conjugates 0.2 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Comment: In vitro activation of T cells

Sample Volume: 1 mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

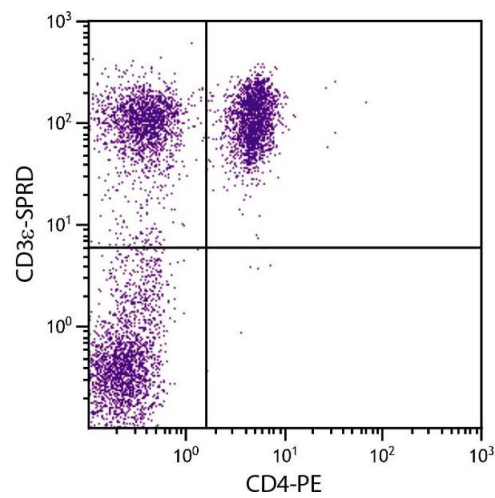
Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Guo, Fu, Wang, Lu, Wei, Tang, Fan, Liu, Zhang, Zhang, Huang, Liu, Li, Wu, Liu: "A porcine circovirus type 2 (PCV2) mutant with 234 amino acids in capsid protein showed more virulence in vivo, compared with classical PCV2a/b strain." in: **PLoS ONE**, Vol. 7, Issue 7, pp. e41463, (2012) ([PubMed](#)).



Flow Cytometry

Image 1. Porcine peripheral blood lymphocytes were stained with Mouse Anti-Porcine CD3ε-SPRD.