Datasheet for ABIN376736

anti-CD8 antibody (SPRD)

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Overview

Quantity:	100 tests
Target:	CD8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD8 antibody is conjugated to SPRD
Application:	Flow Cytometry (FACS)

Product Details

Brand:	Spectral Red ™
Immunogen:	Thymocyte and E-rosetted lymphocytes
Clone:	RFT8
Isotype:	IgG1
Specificity:	Human CD8, Mr 33 kDa
Characteristics:	Mouse Anti-Human CD8-SPRD
Purification:	Purified

Target Details

Target:	CD8
Alternative Name:	CD8 (CD8 Products)

Target Details

Background:	CD8 is a 32 kDa transmembrane glycoprotein expressed as either a CD8 αα homodimer or CD8 αβ heterodimer. It is expressed on the 'cytotoxic/suppressor' subpopulation of peripheral T cells. CD8 functions primarily as a coreceptor with MHC Class I-restricted TCR's in antigen recognition.

Application Details

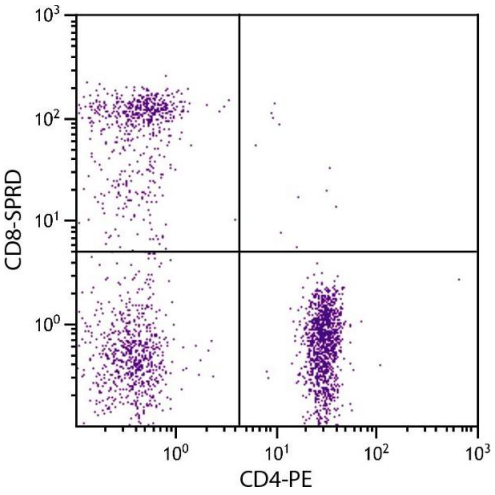
Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IHC-PS - Reported in literature , ICC - Reported in literature , Depletion - Reported in literature • **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, PE, PE/TXRD, APC, SPRD, CY5, PE/CY5.5, 10 L/106 cells PE/CY7, APC/CY5.5, APC/CY7, PACBLU, AF488, AF647, and AF700 conjugates For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Restrictions:	For Research Use only

Handling

Buffer:	100 tests 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:	Matulova, Stepanova, Sisak, Havlickova, Faldynova, Kyrova, Volf, Rychlik: "Cytokine signaling in splenic leukocytes from vaccinated and non-vaccinated chickens after intravenous infection with salmonella enteritidis." in: **PLoS ONE**, Vol. 7, Issue 2, pp. e32346, (2012) (PubMed).



Flow Cytometry

Image 1. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD8-SPRD.