

Datasheet for ABIN376615
anti-CD8 antibody (PE-Cy5.5)



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Overview

Quantity:	100 tests
Target:	CD8
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD8 antibody is conjugated to PE-Cy5.5
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Thymocyte and E-rosetted lymphocytes
Clone:	RFT8
Isotype:	IgG1
Specificity:	Human CD8, Mr 33 kDa
Characteristics:	Mouse Anti-Human CD8-PE/CY5.5
Purification:	Purified

Target Details

Target:	CD8
Alternative Name:	CD8 (CD8 Products)
Background:	CD8 is a 32 kDa transmembrane glycoprotein expressed as either a CD8 $\alpha\alpha$ homodimer or CD8

Target Details

$\alpha\beta$ 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 PBS/Sodium azide

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: **Protect conjugated products from light.**
Each reagent is stable for the period shown on the bottle label if stored as directed.

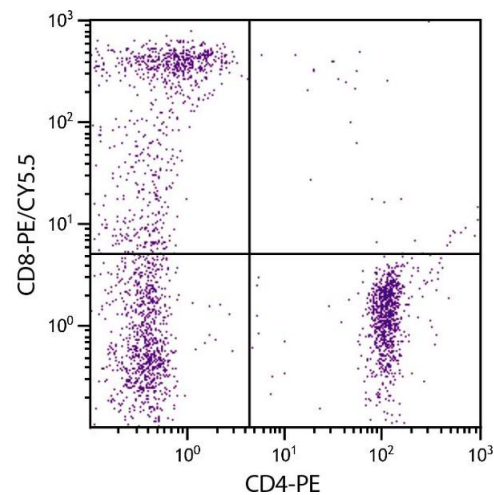
Storage: 4 °C

Storage Comment: Store at 2-8°C

Publications

Product cited in: Kim, Kim, Shin, Jung, Choi, Jun: "Expression patterns of programmed death-1 and programmed death-1 ligand-1 on T cells in gastric cancer." in: **Oncology letters**, Vol. 18, Issue 3, pp. 2661-2669, (2019) ([PubMed](#)).

Yuan, Kang, Daharsh, Fan, Li: "SIVcpz closely related to the ancestral HIV-1 is less or non-pathogenic to humans in a hu-BLT mouse model." in: **Emerging microbes & infections**, Vol. 7, Issue 1, pp. 59, (2018) ([PubMed](#)).



Flow Cytometry

Image 1. Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD8-PE/CY5.5.