

PE anti-human TCR C β 1

Catalog No.	Size
FHPTCRCB1-01-025	25 Tests
FHPTCRCB1-01-100	100 Tests
Clone:	4AJOV1.1
Isotype:	Mouse IgG2a, k
Other Name	T cell receptor beta constant 1, TRBC1
Storage Buffer:	Phosphate-buffered solution, pH 7.2-7.4, containing 0.1% Proclin 300 and 0.2%BSA
Applications:	FC
Vol.per.Test:	5 μ l/test
Excitation Laser	Blue 488 nm,Green 532 nm,Yellow/Green 561 nm
Ex/Em Max	565nm/578nm
Reactivity:	human
Storage Condition:	Store at 4° C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Description:

TRBC1, also known as T cell receptor beta constant 1, is a 20 kD protein constant region of the T cell receptor. It is expressed on a fraction of TCR $\alpha\beta$ T cells on the beta chain of the T Cell receptor. The constant region expression of

clones is notable as a marker for T Cell disease development by clonality detection.

Related Protocol:

Cell Surface Flow Cytometry Staining Protocol

Related Products:

Cat NO	Name
FXP055-100	Sample preservation buffer
FXP001-100	RBC Lysing Buffer (10x)
FXP005	Cell Staining Buffer
FXP064-200	Human Fc Receptor Blocking Solution
FMCP002k-02-100	PE mouse IgG2a, k Isotype Control

REFERENCES:

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- 6.Charlton J, et al. 2015. PLoS One. 10:119200.
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- 8.Wu Y, et al. 2015. J Immunol. 195: 2612-2623.

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