

## FITC anti-human TCR C $\beta$ 1

<b>Catalog No.</b>	<b>Size</b>
FHFTCRCB1-01-025	25 Tests
FHFTCRCB1-01-100	100 Tests
<b>Clone:</b>	4AJOV1.1
<b>Isotype:</b>	Mouse IgG2a, k
<b>Other Name</b>	T cell receptor beta constant 1, TRBC1
<b>Storage Buffer:</b>	Phosphate-buffered solution, pH 7.2-7.4, containing 0.1% Proclin 300 and 0.2%BSA
<b>Applications:</b>	FC
<b>Vol.per.Test:</b>	5 $\mu$ l/test
<b>Excitation Laser</b>	Blue Laser (488 nm)
<b>Ex/Em Max</b>	494nm/520nm
<b>Reactivity:</b>	human
<b>Storage Condition:</b>	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
FMCF002k-02-100	FITC mouse IgG2a, $\kappa$ Isotype Control

**REFERENCES:**

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- 6.Charlton J, et al. 2015. PLoS One. 10:119200.
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