

## Product datasheet

# FITC Anti-TCR V delta 1 antibody [TS8.2] ab171097

## 1 References

### Overview

<b>Product name</b>	FITC Anti-TCR V delta 1 antibody [TS8.2]
<b>Description</b>	FITC Mouse monoclonal [TS8.2] to TCR V delta 1
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> IHC, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length protein corresponding to Human TCR V delta 1. Native protein
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituents: 0.5% BSA, 99% PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	TS8.2
<b>Isotype</b>	IgG1

### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab171097 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. <b>ab91356</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

### Relevance

Two distinct types of T cell antigen receptors have been identified: the alpha/beta heterodimer found on functional helper and cytotoxic T cells, and the gamma/delta heterodimer. The latter is first detected approximately 2 days before the appearance of cell surface alpha/beta heterodimer during T cell ontogeny. In adult thymus it is found mainly in the least mature cells. The gene shows systematic rearrangement in early thymocytes and appears to use V gene segments of the TCR alpha chain family, well before any C(alpha) message of protein is detected. RNA from this locus is expressed at a high level in early thymocytes and adult 'double-negative' cells, but not in mature T cell populations.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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