

## Product datasheet

# Anti-TCR gamma + TCR delta antibody [V65] ab23902

## 2 References

### 製品の概要

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製品名	Anti-TCR gamma + TCR delta antibody [V65]
製品の詳細	Mouse monoclonal [V65] to TCR gamma + TCR delta
アプリケーション	<b>適用あり:</b> Flow Cyt, IHC-Fr, IP
種交差性	<b>交差種:</b> Rat
免疫原	CD3+ ve TCR alpha/beta -ve T cell hybridoma line (Rat).
特記事項	

This antibody recognises a constant determinant of the rat gamma/delta T cell receptor. This antibody also stains all rat gamma/delta T cells, and also identifies as gamma/delta T cells a population of dendritic epidermal T lymphocytes. It may be used to stimulate the proliferation of gamma/delta T cells in the presence of either IL-2 or IL-4.

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.2
精製度	Protein A purified
一次抗体 備考	This antibody recognises a constant determinant of the rat gamma/delta T cell receptor. This antibody also stains all rat gamma/delta T cells, and also identifies as gamma/delta T cells a population of dendritic epidermal T lymphocytes. It may be used to stimulate the proliferation of gamma/delta T cells in the presence of either IL-2 or IL-4.
ポリ/モノ	モノクローナル
クローン名	V65
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1

### アプリケーション

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Our [Abpromise guarantee](#) covers the use of **ab23902** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
Flow Cyt		1/10 - 1/100. Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells.  <a href="#">ab170190</a> -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

## ターゲット情報

**関連性** T cell receptors (TCR) recognize foreign antigens which have been processed as small peptides and bound to major histocompatibility complex (MHC) molecules at the surface of antigen presenting cells (APC). Each T cell receptor is a dimer consisting of one  $\alpha$  and one  $\beta$  chain or one  $\delta$  and one  $\gamma$  chain. This region represents the germline organization of the T cell receptor beta locus. The beta locus includes V (variable), J (joining), diversity (D), and C (constant) segments. During T cell development, the beta chain is synthesized by a recombination event at the DNA level joining a D segment with a J segment; a V segment is then joined to the D-J gene. The C segment is later joined by splicing at the RNA level. The  $\gamma/\delta$  TCR associates with CD3 and is expressed on a T cell subset found in the thymus, the intestinal epithelium, and the peripheral lymphoid tissues and peritoneum. Most  $\gamma/\delta$  T cells are CD4-/CD8-, some are CD8+. T cells expressing the  $\gamma/\delta$  TCR have been shown to play a role in oral tolerance, tumor-associated tolerance, and autoimmune disease.

**細胞内局在** Type I membrane protein

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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