Datasheet for ABIN6963909

# anti-Interleukin 17a antibody (FITC)

1 Image

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## Overview

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|---|---|
| Quantity: | 100 tests |
| Target: | Interleukin 17a (IL17A) |
| Reactivity: | Human, Cow, Pig, Dog, Sheep, Horse, Non-Human Primate |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Interleukin 17a antibody is conjugated to FITC |
| Application: | Flow Cytometry (FACS) |

## Product Details

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|---|---|
| Immunogen: | Recombinant human IL-17A |
| Clone: | MT504 |
| Isotype: | IgG1 |
| Specificity: | Native and recombinant IL-17A. |
| Cross-Reactivity (Details): | The antibody also cross-reacts with IL-17A from cow, sheep, horse, pig and dog. |
| Purification: | Purified from in vitro cultures by protein G affinity chromatography. |

## Target Details

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| Target: | Interleukin 17a (IL17A) |
| Alternative Name: | IL17A (IL17A Products) |
| Gene ID: | 3605, 282863, 100034142 |

## Application Details

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|---|---|
| Application Notes: | Detection of IL-17A producing cells by flow cytometry. 5 µL is recommended for staining of 1 million cells in a total volume of 50 µL. Detection of IL-17A by flow cytometry in human peripheral blood mononuclear cells (PBMC). Human PBMC were stimulated with PMA/ionomycin for 16 hours in the presence of Brefeldin A. The cells were then fixed and permeabilized using 4 % paraformaldehyde and saponin, and subsequently stained with anti-human IL-17A mAb MT504-FITC and anti-human IFN-γ-PE (right panel). The left panel depicts stimulated cells stained with matched isotype control antibodies. The dot plots derive from a lymphocyte gate. Flow cytometry was performed on a BD FACSVerse system. |
| Restrictions: | For Research Use only |

## Handling

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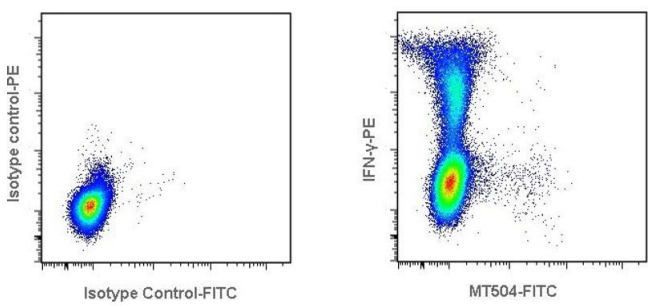
| Format: | Liquid |
| Buffer: | in PBS with 0.2 % BSA and 0.09 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. |
| Expiry Date: | 18 months |

## Images




**Flow Cytometry**

**Image 1.** Detection of Interleukin-17A (IL-17A) by flow cytometry in human peripheral blood mononuclear cells (PBMC). Human PBMC were stimulated with PMA/ionomycin for 16 hours in the presence of Brefeldin A. Fixed and permeabilized cells were stained with anti-human IL-17A mAb MT504-FITC and anti-human IFN-γ-PE (right panel). Matched isotype control antibody (left panel).