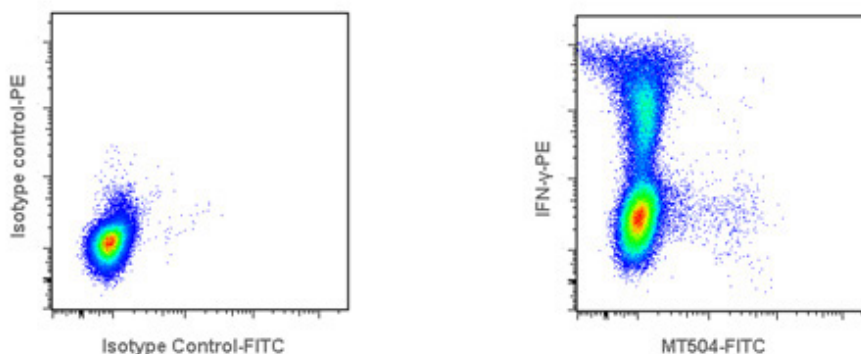


# Monoclonal Antibody to Human IL-17A

FITC CONJUGATED

- Antibody:** MT504
- Product code:** 3520-7
- Size:** 100 tests
- Immunogen:** Recombinant human IL-17A
- Isotype:** Mouse IgG1
- Specificity:** Native and recombinant human IL-17A. Cross-reacts with native IL-17 from rhesus and cynomolgus macaques and common marmosets. Please visit [www.mabtech.com](http://www.mabtech.com) for information on reactivity with other monkey species. The antibody also cross-reacts with IL-17A from cow, horse, sheep, pig, and dog.
- Contents:** Ready-to-use solution of conjugated antibody in sterile filtered (0.2µm) PBS with 0.2% BSA and 0.09% sodium azide.
- Purification:** Purified from *in vitro* cultures by protein G affinity chromatography.
- Conjugation:** The MT504 antibody has been conjugated to fluorescein isothiocyanate (FITC).
- Storage:** Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
- Applications:** 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 FACSVerser system.

# MABTECH

Note: for research use only.  
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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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