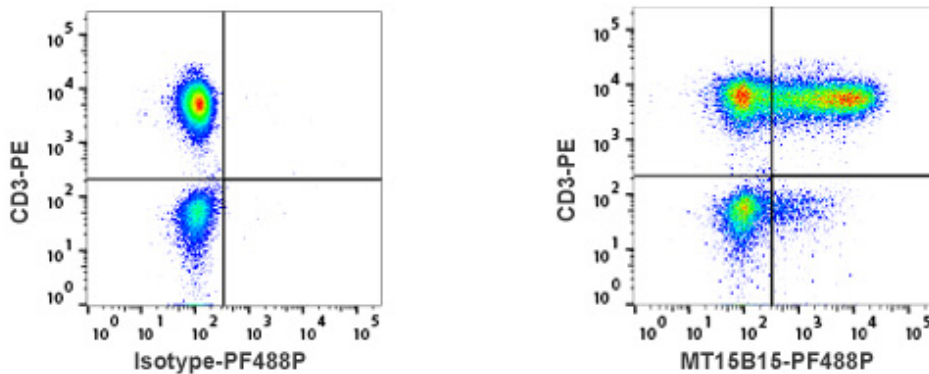


# Monoclonal Antibody to Human TNF- $\alpha$

PF488P CONJUGATED

<b>Antibody:</b>	MT15B15
<b>Product code:</b>	3512-71-100T
<b>Size:</b>	100 tests
<b>Immunogen:</b>	Recombinant human TNF- $\alpha$
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant human TNF- $\alpha$
<b>Contents:</b>	Ready-to-use solution of conjugated antibody in sterile filtered (0.2 $\mu$ m) PBS with 0.2% BSA and 0.09% sodium azide.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Conjugation:</b>	The MT15B15 antibody has been conjugated to PF488P.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
<b>Applications:</b>	Detection of human TNF- $\alpha$ producing cells by flow cytometry. 5 $\mu$ l is recommended for staining of 1 million cells in a total volume of 50 $\mu$ l.



Detection of TNF- $\alpha$  by flow cytometry in viable human PBMC. Cells were stimulated for 3 hours in the presence of PMA/ionomycin and Brefeldin A. Cells were stained with an anti-CD3-PE antibody, fixed and permeabilized using 4% paraformaldehyde and saponin, and further stained with antibody MT15B15-PF488P (right panel). Matched isotype control antibody (left panel). The dot plot derives from gated events of typical lymphocyte characteristics in forward and side light scatter. Flow cytometry was performed on a BD FACSVerser system.

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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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