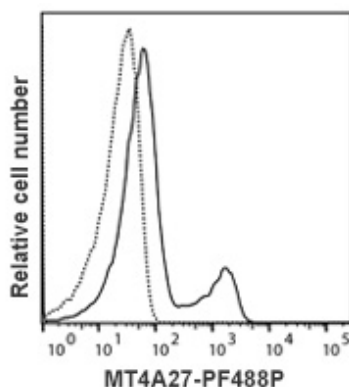


# Monoclonal Antibody to Guinea pig IFN- $\gamma$

PF488P CONJUGATED

<b>Antibody:</b>	MT4A27
<b>Product code:</b>	3124-71-100T
<b>Size:</b>	100 tests
<b>Immunogen:</b>	Recombinant guinea pig IFN- $\gamma$
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant IFN- $\gamma$ from guinea pig
<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 MT4A27 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 guinea pig IFN- $\gamma$ producing cells by flow cytometry. 5 $\mu$ l is recommended for staining of 1 million cells in a total volume of 50 $\mu$ l.

PF488P is excited by the blue laser (488 nm). The excitation max is 490 nm and the emission max is 516 nm.



Detection of IFN- $\gamma$  by flow cytometry in viable guinea pig spleen cells. Cells were stimulated for 16 hrs in the presence of PMA/ ionomycin and Brefeldin A. Cells were then fixed and permeabilized using 4% paraformaldehyde and saponin, and subsequently stained with MT4A27-PF488P (solid line). Matched isotype control antibody (dashed line). The histogram derives from gated events of typical lymphocyte characteristics in forward and side light scatter. Flow cytometry was performed on a BD FACSVerse system.

# MABTECH

Note; for research use only.

Mabtech shall not be liable for the use or handling of the product or for consequential, special, indirect or incidental damages therefrom.

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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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