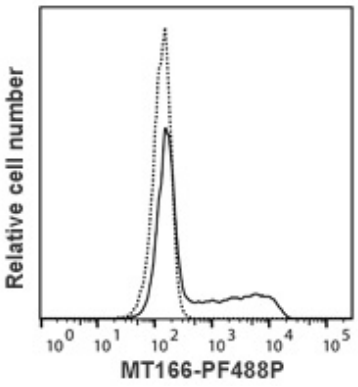
Monoclonal Antibody to Equine IFN-γ

PF488P CONJUGATED

Antibody:	MT166
Product code:	3117-71-100T
Size:	100 tests
Immunogen:	Recombinant equine IFN-γ
Isotype:	Mouse IgG2a
Specificity:	Native and recombinant IFN-γ from horse.
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 MT166 antibody has been conjugated to PF488P.
Storage:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
Applications:	Detection of equine IFN-γ producing cells by flow cytometry. 5 µl is recommended for staining of 1 million cells in a total volume of 50 µl. 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-γ by flow cytometry in viable equine PBMC. Cells were stimulated for 16 hours in the presence of PMA/ionomycin and Brefeldin A. Cells were then fixed and permeabilized using 4% paraformaldehyde and saponin, and subsequently stained with MT166-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.

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