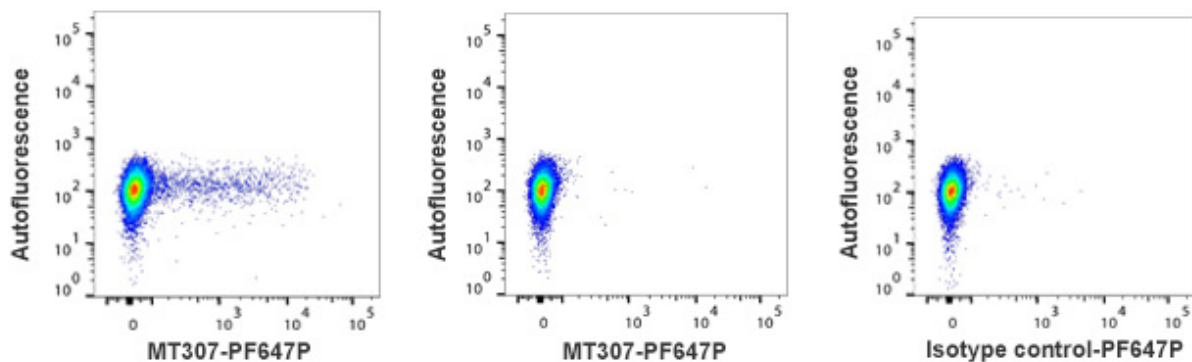


Monoclonal Antibody to Bovine IFN- γ

PF647P CONJUGATED

- Antibody:** MT307
- Product code:** 3119-72-100T
- Size:** 100 tests
- Immunogen:** Recombinant bovine IFN- γ
- Isotype:** Mouse IgG2a
- Specificity:** Native and recombinant bovine IFN- γ . Cross-reacts with native IFN- γ from sheep and goat.
- Contents:** Ready-to-use solution of conjugated antibody in sterile filtered (0.2 μ m) PBS with 0.2% BSA and 0.09% sodium azide.
- Purification:** Purified from *in vitro* cultures by protein G affinity chromatography.
- Conjugation:** The MT307 antibody has been conjugated to PF647P.
- Storage:** Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
- Applications:** Detection of IFN- γ producing cells by flow cytometry. 5 μ l is recommended for staining of 1 million cells in a total volume of 50 μ l.



Detection of IFN- γ by flow cytometry in viable bovine PBMC. Cells were stimulated for 16 hours in the presence of PHA and Brefeldin A. Cells were then fixed and permeabilized using 4% paraformaldehyde and saponin, and subsequently stained with MT307-PF647P (left panel). The specificity of MT307-PF647P was demonstrated by pre-incubating the antibody with recombinant bovine IFN- γ prior to staining of PBMC (middle panel). Matched isotype control antibody (right panel). 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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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

Mabtech AB (Head Office)
Sweden
Tel: +46 8 716 27 00
mabtech@mabtech.com

Mabtech, Inc.
USA
Tel: +1 513 871-4500
mabtech.usa@mabtech.com

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www.mabtech.com