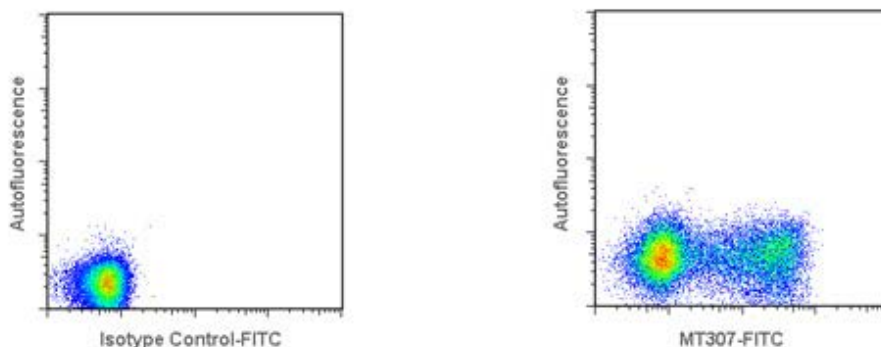


Monoclonal Antibody to Bovine IFN- γ

FITC CONJUGATED

Antibody:	MT307
Product code:	3119-7
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 <i>in vitro</i> cultures by protein G affinity chromatography.
Conjugation:	The MT307 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 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 bovine peripheral blood mononuclear cells (PBMC). Bovine 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-bovine IFN- γ mAb MT307-FITC (right panel). The left panel depicts stimulated cells stained with a matched isotype control antibody. The dot plots derive from a lymphocyte gate. Flow cytometry was performed on a Guava EasyCyte Mini.

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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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