

Datasheet for ABIN6963785

anti-Interferon gamma antibody (PromoFluor 647 Premium)[Go to Product page](#)**1** Image

Overview

Quantity:	100 tests
Target:	Interferon gamma (IFNG)
Reactivity:	Guinea Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is conjugated to PromoFluor 647 Premium
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant guinea pig IFN-gamma
Clone:	MT4A27
Isotype:	IgG1
Specificity:	Native and recombinant IFN- γ
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFNG (IFNG Products)
Gene ID:	100379568
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of

Target Details

Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, ER-Nucleus Signaling, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus, Autophagy

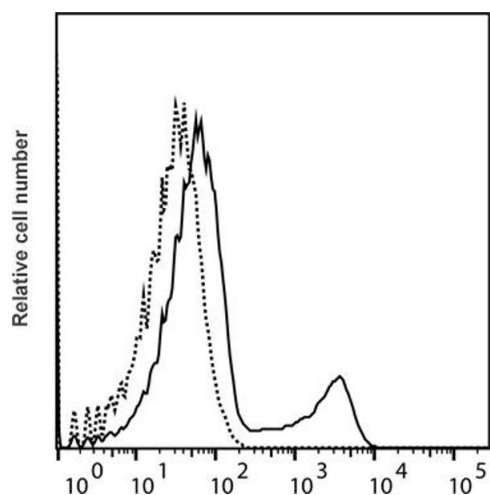
Application Details

Application Notes: Detection of guinea pig 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. PF647P is excited by the red laser (633 nm). The excitation max is 654 nm and the emission max is 672 nm. Detection of IFN- γ 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-PF647P (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.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	in PBS with 0.2 % BSA and 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing.
Expiry Date:	18 months



Flow Cytometry

Image 1. Detection of IFN- γ by flow cytometry in guinea pig spleen cells. Cells were stimulated for 16 h 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-PF647P (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.