

Datasheet for ABIN6963781

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

Overview

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

Product Details

Immunogen:	Recombinant cotton rat IFN-gamma
Clone:	MT417
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)
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of

Target Details

Molecular Mediator of Immune Response, ER-Nucleus Signaling, Regulation of Carbohydrate Metabolic Process, Protein targeting to Nucleus, Autophagy

Application Details

Application Notes: Detection of cotton rat 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 cotton rat spleen cells. 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 MT417-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

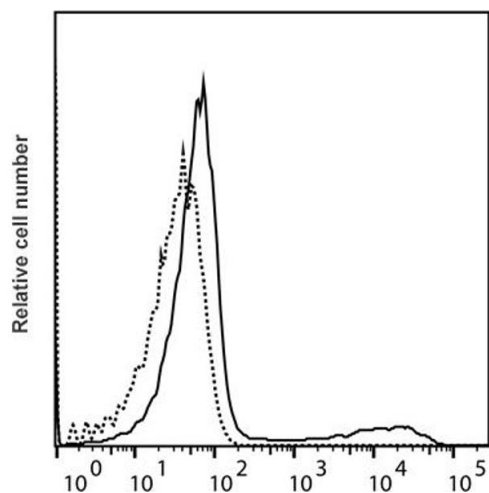
Preservative: Sodium azide

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 viable cotton rat spleen cells. Stimulated, fixed and permeabilized cells were stained with anti-cotton rat mAb MT417-PF647P (solid line). Matched isotype control antibody (dashed line). Flow cytometry was performed on a BD FACSVerse system.