

Datasheet for ABIN6963749

anti-Interferon gamma antibody (Biotin)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Interferon gamma (IFNG)
Reactivity:	Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Interferon gamma antibody is conjugated to Biotin
Application:	ELISA, Flow Cytometry (FACS), ELISpot

Product Details

Immunogen:	Recombinant rabbit IFN-gamma
Clone:	MT318
Isotype:	IgG2a
Specificity:	Native and recombinant IFN- γ
Purification:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.,Purified from in vitro cultures by protein G affinity chromatography.
Sterility:	0.2 μ m filtered

Target Details

Target:	Interferon gamma (IFNG)
Alternative Name:	IFNG (IFNG Products)

Target Details

Gene ID:	100008602
Pathways:	Interferon-gamma Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of 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

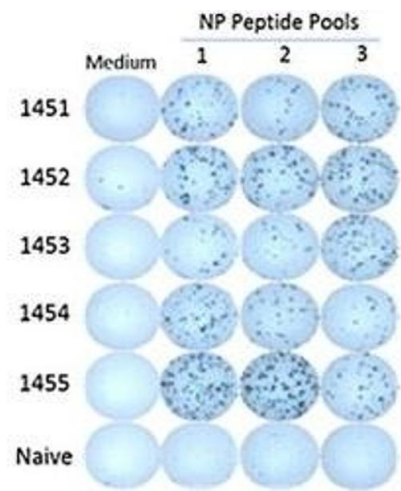
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	supplied at 0.5 mg/mL in PBS with 0.02 % 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

Publications

Product cited in:	Yung, Pugh, Generotti, Phanhthilath, Schultheis, Muthumani, Broderick, Smith: "Novel IFN- γ ELISpot reveals robust T cell responses elicited after influenza nucleoprotein DNA vaccination in New Zealand White rabbits." in: Vaccine , Vol. 37, Issue 7, pp. 903-909, (2020) (PubMed).
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ELISpot

Image 1. Representative well images of an IFN- γ ELISpot response of five pNP-immunized and one untreated (naive) rabbit.. Robust humoral and IFN- γ + cellular immune responses are detected after 100 μ g pNP immunization. On days 1 and 14, pNP was delivered IM with electroporation. Source: 10.1016/j.vaccine.2019.01.006