Datasheet for ABIN6963758

anti-Interferon gamma antibody (Biotin)

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Overview

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

Product Details

Immunogen:	Recombinant ferret IFN-gamma
Clone:	MTF19
Isotype:	IgG1
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 µm filtered

Target Details

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

Target Details

Gene ID:	101693741
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:	Gooch, Marriott, Ryan, Yeates, Slack, Brown, Fothergill, Whittaker, Carroll: "Heterosubtypic cross-protection correlates with cross-reactive interferon-gamma-secreting lymphocytes in the ferret model of influenza." in: **Scientific reports**, Vol. 9, Issue 1, pp. 2617, (2020) (PubMed). Ryan, Slack, Marriott, Kane, Whittaker, Silman, Carroll, Gooch: "Cellular immune response to human influenza viruses differs between H1N1 and H3N2 subtypes in the ferret lung." in: **PLoS ONE**, Vol. 13, Issue 9, pp. e0202675, (2019) (PubMed). Chan, Carolan, Korenkov, Druce, McCaw, Reading, Barr, Laurie: "Investigating Viral Interference

Between Influenza A Virus and Human Respiratory Syncytial Virus in a Ferret Model of Infection." in: **The Journal of infectious diseases**, Vol. 218, Issue 3, pp. 406-417, (2019) (PubMed).

DiPiazza, Richards, Liu, Albrecht, Sant: "Analyses of Cellular Immune Responses in Ferrets Following Influenza Virus Infection." in: **Methods in molecular biology (Clifton, N.J.)**, Vol. 1836, pp. 513-530, (2019) (PubMed).

Laurie, Horman, Carolan, Chan, Layton, Bean, Vijaykrishna, Reading, McCaw, Barr: "Evidence for Viral Interference and Cross-reactive Protective Immunity Between Influenza B Virus Lineages." in: **The Journal of infectious diseases**, Vol. 217, Issue 4, pp. 548-559, (2019) (PubMed).