

Datasheet for ABIN6963762

anti-Interferon gamma antibody (Biotin)**2** Publications[Go to Product page](#)

Overview

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

Product Details

Immunogen:	Recombinant equine IFN-gamma
Clone:	MT166
Isotype:	IgG2a
Specificity:	Native and recombinant IFN- γ
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with IFN- γ from horse.
Characteristics:	This monoclonal antibody enables specific detection of canine IFN- γ in immunoassays such as ELISpot, FluoroSpot, and ELISA. Serum/Plasma samples
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)
Gene ID:	403801
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.
Comment:	ABIN6963762, ABIN7448233, ABIN6963768, ABIN7448239, ABIN6963770 and ABIN6963771 is recommended as detection mAb in ELISpot, FluoroSpot, and ELISA in combination with capture mAb ABIN6963761, ABIN7448232, ABIN6963769 and ABIN7448240 .
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:	Li, Wu, Zou, Zhai, Chen, Bu, Chen, Luo: "Expression and characterization of albumin fusion protein canine IFN γ -CSA in baculovirus-insect cell expression system." in: Protein expression and purification , Vol. 162, pp. 32-37, (2020) (PubMed).
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Li, Chen, Zou, Wu, Wang, Chen, Luo: "Albumin fusion improves the pharmacokinetics and in vivo antitumor efficacy of canine interferon gamma." in: **International journal of pharmaceutics**, Vol. 558, pp. 404-412, (2019) ([PubMed](#)).