

Datasheet for ABIN6963838

anti-Interferon gamma antibody (Biotin)[Go to Product page](#)**4** Publications

Overview

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

Product Details

Immunogen:	Recombinant human IFN-gamma
Clone:	7-B6-1
Isotype:	IgG1
Specificity:	Native and recombinant IFN- γ
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with IFN- γ from non-human primates.
Characteristics:	This monoclonal antibody enables specific detection of human 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:	3458
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:	ABIN6963838, ABIN7448287, ABIN6963840 and ABIN6963841 is recommended as detection mAb in ELISpot, FluoroSpot, and ELISA in combination with capture mAb ABIN6963837, ABIN7448286 and ABIN6963839 for human IFN- γ .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	supplied at 1 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:	Sharpe, Smyth, McIntyre, Gleeson, Dennis: "Refinement and reduction through application of a quantitative score system for estimation of TB-induced disease burden using computed tomography." in: Laboratory animals , Vol. 52, Issue 6, pp. 599-610, (2019) (PubMed).
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Wentink, Verheul, Griffioen, Schafer, McPherson, Early, van der Vliet, de Gruijl: "A safety and immunogenicity study of immunization with hVEGF26-104/RFASE in cynomolgus monkeys." in: **Vaccine**, Vol. 36, Issue 15, pp. 2025-2032, (2018) ([PubMed](#)).

Sahin, Derhovanessian, Miller, Kloke, Simon, Löwer, Bukur, Tadmor, Luxemburger, Schrörs, Omokoko, Vormehr, Albrecht, Paruzynski, Kuhn, Buck, Heesch, Schreeb, Müller, Ortseifer, Vogler, Godehardt et al.: "Personalized RNA mutanome vaccines mobilize poly-specific therapeutic immunity against cancer. ..." in: **Nature**, Vol. 547, Issue 7662, pp. 222-226, (2017) ([PubMed](#)).

Arakawa, Siewert, Stöhr, Besgen, Kim, Rühl, Nickel, Vollmer, Thomas, Krebs, Pinkert, Spannagl, Held, Kammerbauer, Besch, Dornmair, Prinz: "Melanocyte antigen triggers autoimmunity in human psoriasis." in: **The Journal of experimental medicine**, Vol. 212, Issue 13, pp. 2203-12, (2016) ([PubMed](#)).