

Datasheet for ABIN6963816

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

Overview

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

Product Details

Immunogen:	Native mouse IFN-gamma
Clone:	R4-6A2
Isotype:	IgG1
Specificity:	Native and recombinant mouse IFN- γ
Characteristics:	This monoclonal antibody enables specific detection of mouse 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:	15978
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:	ABIN6963816, ABIN7448269 and ABIN6964014 is recommended as detection mAb in ELISpot, FluoroSpot, and ELISA in combination with capture mAb ABIN6963815 and ABIN7448268 .
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:	Bourgeois-Daigneault, Roy, Aitken, El Sayes, Martin, Varette, Falls, St-Germain, Pelin, Lichty, Stojdl, Ungerechts, Diallo, Bell: "Neoadjuvant oncolytic virotherapy before surgery sensitizes triple-negative breast cancer to immune checkpoint therapy." in: Science translational medicine , Vol. 10, Issue 422, (2019) (PubMed).
-------------------	--

Veglia, Tyurin, Blasi, De Leo, Kossenkova, Donthireddy, To, Schug, Basu, Wang, Ricciotti, DiRusso, Murphy, Vonderheide, Lieberman, Mulligan, Nam, Hockstein, Masters, Guarino, Lin, Nefedova, Black et al.: "Fatty acid transport protein 2 reprograms neutrophils in cancer. ..." in: **Nature**, Vol. 569, Issue 7754, pp. 73-78, (2019) ([PubMed](#)).

Noguera-Ortega, Blanco-Cabra, Rabanal, Sánchez-Chardi, Roldán, Guallar-Garrido, Torrents, Luquin, Julián: "Mycobacteria emulsified in olive oil-in-water trigger a robust immune response in bladder cancer treatment." in: **Scientific reports**, Vol. 6, pp. 27232, (2018) ([PubMed](#)).

Gregor, Wolchok, Ferrone, Buchinshky, Guevara-Patiño, Perales, Mortazavi, Bacich, Heston, Latouche, Sadelain, Allison, Scher, Houghton: "CTLA-4 blockade in combination with xenogeneic DNA vaccines enhances T-cell responses, tumor immunity and autoimmunity to self antigens in animal and cellular model systems." in: **Vaccine**, Vol. 22, Issue 13-14, pp. 1700-8, (2004) ([PubMed](#)).