

Datasheet for ABIN6963815
anti-Interferon gamma antibody

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Overview

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

Product Details

Immunogen:	Recombinant mouse IFN-gamma
Clone:	AN18
Isotype:	IgG1
Specificity:	78ative 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:	Purified from in vitro cultures by protein G affinity chromatography.
Sterility:	0.2 μm filtered

Target Details

Target:	Interferon gamma (IFNG)
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Target Details

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:	ABIN6963815 and ABIN7448268 is recommended as capture mAb in ELISpot, FluoroSpot, and ELISA in combination with detection mAb ABIN6963816, ABIN7448269 and ABIN6964014 .
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:	Suschak, Bagley, Shoemaker, Six, Kwilas, Dupuy, Schmaljohn: "The Genetic Adjuvants Interleukin-12 and Granulocyte-Macrophage Colony Stimulating Factor Enhance the Immunogenicity of an Ebola Virus Deoxyribonucleic Acid Vaccine in Mice." in: The Journal of infectious diseases , Vol. 218, Issue suppl_5, pp. S519-S527, (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](#)).

Obermajer, Urban, Wieckowski, Muthuswamy, Ravindranathan, Bartlett, Kalinski: "Promoting the accumulation of tumor-specific T cells in tumor tissues by dendritic cell vaccines and chemokine-modulating agents." in: **Nature protocols**, Vol. 13, Issue 2, pp. 335-357, (2019) ([PubMed](#)).

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](#)).

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](#)).