bs-41061R

[Primary Antibody]

IFN-gamma Rabbit pAb

Bioss ANTIBODIES www.bioss.com.cn

sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

– DATASHEET –––––		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: Flow-Cyt (lug/Test)
Clonality: Polyclonal		ICC/IF (1.30-200)
GenelD: 15978	SWISS: P01580	Reactivity: Human
Target: IFN-gamma		
Purification: affinity purified by	Protein A	
Concentration: 1mg/ml		Predicted 18 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		MW.: Subcellular Location: Secreted
Background: Mammalian Interfe lymphocytes and N the regulation of ne responses,includin cell, B cells, macrop endothelial cells ar antiproliferative ac tumor effects of IFN	ron gamma is mainly produced by T K cells. It is a pleiotropic cytokine involved in early all phases of immune and inflammatory g the activation, growth and differentiation of ohages, NK cells and other cell types such as id fibroblasts. It has weak antiviral and tivity, and poteniates the antiviral and anti I alpha / beta (type I interferon). It is	Т

- VALIDATION IMAGES

D3 or DMN. Labile at pH 2.



4% Paraformaldehyde-fixed Jurkat (Treated with PMA (25 ng/mL, 6 h) and ionomycin (1 μg/mL, 6 h), BFA (5 μg/ml, last 5 h)) (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (IFN gamma) polyclonal Antibody, unconjugated (bs-41061R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



upregulated by IL2, FGF basic, EGF and downregulated by vitamin

The Jurkat (Treated with PMA (25 ng/mL, 6 h) and ionomycin (1 µg/mL, 6 h), BFA (5 µg/ml, last 5 h)) (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.).Primary Antibody (green):Rabbit Anti-IFN gamma antibody (bs-41061R): 1 µg/10^6 cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-BF488 (bs-60295G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.

- SELECTED CITATIONS -

- [IF=4.1] Wenjing Lu. et al. Seasonal changes of vitamin D3 and ovarian steroidogenesis in the wild ground squirrels (Citellus dauricus Brandt). J STEROID BIOCHEM. 2023 Nov;234:106385 IHC ;Squirrel. 37633652
- [IF=3.9] Xuanxuan Jiang. et al. Multi-omics reveals the protective effects of curcumin against AFB1-induced oxidative stress and inflammatory damage in duckling intestines. COMP BIOCHEM PHYS C. 2024 Feb;276:109815 WB ;Duck. 38061615
- [IF=2.8] Chenhao Xu. et al. Human umbilical cord mesenchymal stem cells alleviate fatty liver ischemia-reperfusion

injury by activating autophagy through upregulation of IFN γ . CELL BIOCHEM FUNCT. 2024 Jun;42(4):e4040 WB ;Mouse,Human. 38850132