bsm-61406R **[Primary Antibody]**

IFN gamma Recombinant Rabbit mAb

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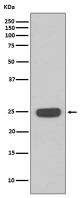
DATASHEET

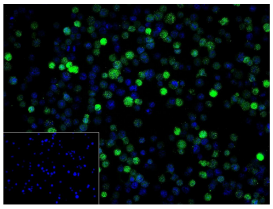
Host: Rabbit
Isotype: IgG
Clonality: Recombinant
CloneNo.: 6C10
GeneID: 3458
SWISS: P01579
Target: IFN gamma
Immunogen: A synthesized peptide derived from human IFN gamma: 5-50/166.
Purification: affinity purified by Protein A
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.
Background: Type II interferon produced by immune cells such as T-cells and NK cells that plays crucial roles in antimicrobial, antiviral, and antitumor responses by activating effector immune cells and enhancing antigen presentation

Applications: **WB** (1:500-2000)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)
Reactivity: Human (predicted: Mouse, Rat)
Predicted MW.: 19
Subcellular Location: Secreted

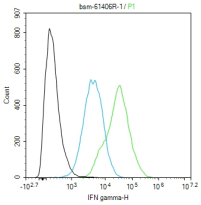
VALIDATION IMAGES



Western blot analysis of Jurkat cell lysate. Using IFN gamma (bsm-61406R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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) monoclonal Antibody, unconjugated (bsm-61406R) 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.



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 (bsm-61406R;1:100); 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.