

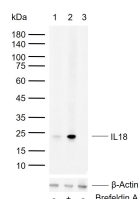
bsm-56205R**[Primary Antibody]****BioSS**
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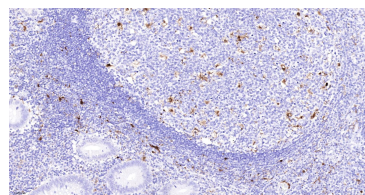
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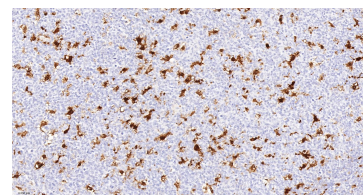
400-901-9800

IL18 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 3606**Target:** IL18**Immunogen:** Recombinant human IL18 protein: 1-192/192.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS (pH7.2) with 40% Glycerol, 0.05% BSA and 0.02% Proclin300.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.**Isotype:** IgG**CloneNo.:** 13E9**SWISS:** Q14116**Applications:** WB (1:1000-2000)**IHC-P** (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Flow-Cyt** (1ug/Test)**Reactivity:** Human**Predicted
MW.:** 22 kDa**Observed
MW.:** 23 kDa**Subcellular
Location:** Secreted**— VALIDATION IMAGES —**

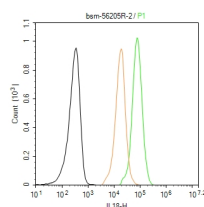
Sample: Lane 1: Normal HeLa cell lysates Lane 2: HeLa cell treated with Brefeldin A (5 μg/ml, 15 min) Lane 3: Jurkat cell lysates (Negative control)
 Primary: Anti-IL18 (bsm-56205R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 23 kDa



Paraformaldehyde-fixed, paraffin embedded Human Pyogenic appendicitis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with IL18 Monoclonal Antibody, Unconjugated (bsm-56205R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Chronic tonsillitis; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with IL18 Monoclonal Antibody, Unconjugated (bsm-56205R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HeLa (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.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-IL18 antibody (bsm-56205R, 1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.