

bsm-54805R**[Primary Antibody]****Bioss**
ANTIBODIES

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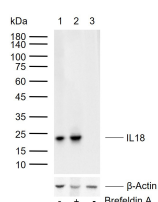
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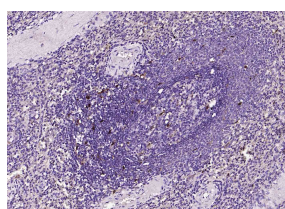
400-901-9800

IL18 Recombinant Rabbit mAb**— DATASHEET —**

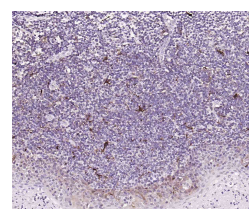
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Recombinant	CloneNo.: 16C4	
GeneID: 3606	SWISS: Q14116	
Target: IL18		
Immunogen: Recombinant human IL-18 protein: 37-193/193.		
Purification: affinity purified by Protein A		Reactivity: Human
Concentration: 1mg/ml		Predicted MW.: 22 kDa Subcellular Location: Secreted
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.		
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.		

— VALIDATION IMAGES —

Sample: Lane 1: Human HeLa cell lysates Lane 2: HeLa treated with Brefeldin A (5 µg/ml, 15 min) Lane 3: Human Jurkat cell lysates (negative control) Primary: Anti-IL18 (bsm-54805R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kDa Observed band size: 24 kDa



Paraformaldehyde-fixed, paraffin embedded (human spleen); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (IL18) Monoclonal Antibody, Unconjugated (bsm-54805R) at 1:300 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (IL18) Monoclonal Antibody, Unconjugated (bsm-54805R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.