
IL18 Recombinant Rabbit mAb

Catalog Number: bsm-56205R

Target Protein: IL18

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 14E15

Isotype: IgG

Applications: WB (1:1000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human

Predicted MW: 22 kDa

Subcellular: Secreted

Locations:

Entrez Gene: 3606

Swiss Prot: Q14116

Source: Recombinant human IL18 protein: 1-192/192.

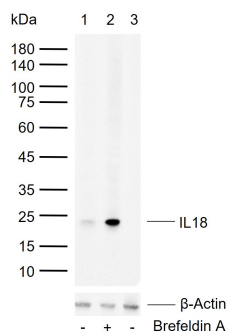
Purification: affinity purified by Protein A

Storage: PBS (pH7.2) with 40% Glycerol, 0.05% BSA and 0.02% Proclin300.

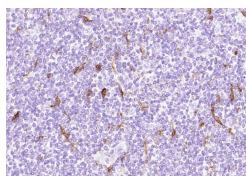
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Sample: Lane 1: Normal HeLa cell lysates Lane 2: HeLa cell treated with Brefeldin A (5 μ g/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 tonsil); Antigen retrieval by boiling in sodium EDTA buffer (Ph9.0) 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-56205R) at 1:250 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.