



## *Anti-mouse IL-18 BPc Antibody*

### ORDERING INFORMATION

**Catalog Number:** AF129

**Lot Number:** FBV0110021

**Size:** 100 µg

**Formulation:** 0.2 µm filtered solution in PBS with 5% trehalose

**Storage:** -20° C

**Reconstitution:** sterile PBS

**Specificity:** rmlL-18 BPc

**Immunogen:** Sf21-derived rmlL-18 BPc

**Ig Type:** mouse IL-18 BPc specific goat IgG

**Applications:** Western blot  
Direct ELISA

### *Preparation*

Produced in goats immunized with purified, insect cell line Sf21-derived, recombinant mouse interleukin 18 binding protein c (rmlL-18 BPc). Mouse IL-18 BPc specific IgG was purified by mouse IL-18 BPc affinity chromatography.

### *Formulation*

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

### *Endotoxin Level*

< 10 ng per 1 mg of the antibody as determined by the LAL method.

### *Reconstitution*

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

### *Storage*

Lyophilized samples are stable for greater than six months when held at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for at least 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C in a **manual defrost freezer** for at least six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### *Specificity*

This antibody has been selected for its ability to recognize rmlL-18 BPc in direct ELISAs and Western blots.

### *Applications*

**Western blot** - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse IL-18 BPc. The detection limit for rmlL-18 BPc is approximately 5 ng/lane under non-reducing and reducing conditions.

**Direct ELISAs** - This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse IL-18 BPc. The detection limit for rmlL-18 BPc is approximately 0.3 ng/well. In this format, this antibody shows approximately 35% cross-reactivity with rmlL-18 BPd and less than 1% cross-reactivity with rhIL-18 BPa.

**Optimal dilutions should be determined by each laboratory for each application.**