



#### ORDERING INFORMATION

**Catalog Number:** BAF573

**Lot Number:** EO101

**Size:** 50 µg

**Formulation:** 0.2 µm filtered solution in PBS  
with BSA

**Storage:** -20° C

**Reconstitution:** sterile 0.1% BSA in TBS

**Specificity:** rat IL-1 R6 extracellular domain

**Immunogen:** NS0-derived rrIL-1 R6  
extracellular domain

**Ig Type:** goat IgG

**Application:** Western blot

## ***Biotinylated Anti-rat IL-1 R6 (IL-1 R rp2) Antibody***

### ***Preparation***

Produced in goats immunized with purified, NS0-derived, recombinant rat IL-1 R6 (rrIL-1 R6) extracellular domain. Rat IL-1 R6 specific IgG was purified by rat IL-1 R6 affinity chromatography and then biotinylated.

### ***Formulation***

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody.

### ***Reconstitution***

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/mL.

### ***Storage***

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 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 six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### ***Specificity***

This antibody has been selected for use as a detection antibody in rat IL-1 R6 western blots.

### ***Application***

**Western Blot** - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect rat IL-1 R6. The detection limit for rrIL-1 R6 is approximately 2 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows approximately 25% cross-reactivity with rmIL-18 R, 10% cross-reactivity with rhIL1rp2 and less than 5% cross-reactivity with rmIL-1 RI and rmIL-1 RII.

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