

## Anti-Enrofloxacin Monoclonal Antibody

### ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size
17401	7F21G1F7E8#1	IgM	100ug, 500ug

**Format:** Purified antibody in PBS, pH 7.4

### BACKGROUND

Enrofloxacin is a fluoroquinolone that inhibits the activity of bacterial DNA gyrase. It was the first fluoroquinolone antimicrobial to be used in veterinary medicine and is indicated in therapy of infections by *E. coli*, *Salmonella*, *Pasteurella*, *Mycoplasma* and *Hemophilus* species. In the USA, approved use is currently limited to dogs, but approval for use in food-animals is under consideration.

### SPECIFICATION SUMMARY

**Antigen:** Enrofloxacin conjugated to KLH (keyhole limpet hemocyanin) via carbodiimide.

**Host Species:** Mouse

**Specificity:** This antibody recognizes enrofloxacin and ciprofloxacin.

### APPLICATIONS

*ELISA* Endusers should determine optimal concentration for their applications.

### STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Store in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*