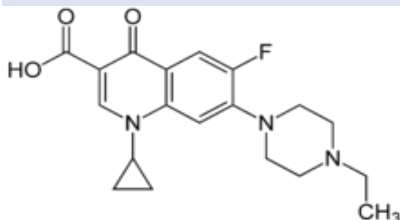


Enrofloxacin Monoclonal Antibody

ORDERING INFORMATION

Catalog No. 17401
Clone No. 72FIG1F7#1
MAB Subtype: IgM
Size: 100ug, 500ug
Format: PEG-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 its main metabolite, ciprofloxacin.

APPLICATIONS

This antibody has been qualified for use in ELISA to detect enrofloxacin and ciprofloxacin.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

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