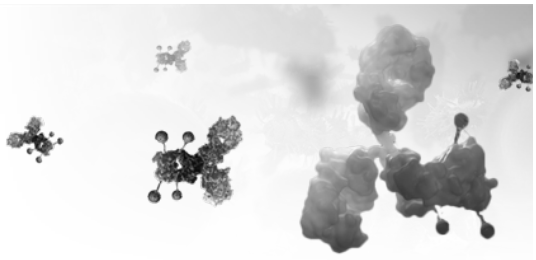

# Mouse Anti-Fluoroquinolones monoclonal antibody, clone FK1 (HMABPY082)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Specificity** | Cross reactivity:<br>Ciprofloxacin: 100%; Enrofloxacin: 104.2%; Norfloxacin: 111.1%; Ofloxacin: 90.9%; Sarafloxacin: 45.5%; Pefloxacin: 31.3%; Enoxacin: 27.8%; Danofloxacin: 13.9%; Cinoxacin: 12.2%; Flumequine: 10%; Pipemidic acid: 8.1% |
| **Immunogen** | Quinolone with carrier protein. |
| **Isotype** | IgG |
| **Source/Host** | Mouse |
| **Species Reactivity** | N/A |
| **Clone** | FK1 |
| **Purification** | Purified from mouse ascites. |
| **Conjugate** | Unconjugated |
| **Applications** | ELISA, LFIA |
| **Format** | Liquid |
| **Concentration** | Lot specific |
| **Size** | 100 µg, 1 mg |
| **Buffer** | PBS |
| **Preservative** | None |

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| | |
|---|---|
| **Storage** | Long time storage is recommended at -20°C. |
| **Ship** | Wet ice |

# BACKGROUND

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|---|---|
| **Introduction** | A quinolone antibiotic is any member of a large group of broad-spectrum bactericides that share a bicyclic core structure related to the compound 4-quinolone. They are used in human and veterinary medicine to treat bacterial infections, as well as in animal husbandry. Nearly all quinolone antibiotics in use are fluoroquinolones, which contain a fluorine atom in their chemical structure and are effective against both Gram-negative and Gram-positive bacteria. One example is ciprofloxacin, one of the most widely used antibiotics worldwide. |
| **Keywords** | Fluoroquinolones |

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