

## Product datasheet for **AP09727PU-N**

### Flumequine Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 1.25 µg/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Flumequine-BTG
Specificity:	This antibody recognizes Flumequine.
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative. State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Flumequine is a synthetic chemotherapeutic antibiotic of the fluoroquinolone drug class used to treat bacterial infections. It is a first-generation fluoroquinolone antibacterial that has been removed from clinical use and is no longer being marketed. It kills bacteria by interfering with the enzymes that cause DNA to unwind and duplicate. Flumequine was used in veterinarian medicine for the treatment of enteric infections (all infections of the intestinal tract), as well as to treat cattle, swine, chickens, and fish, but only in a limited number of countries. It was occasionally used in France (and a few other European Countries) to treat urinary tract infections under the trade name Apurone. However this was a limited indication because only minimal serum levels were achieved.
Synonyms:	Apurone, Fantacin, Firestop, Flumequine, Flumigal, Flumiquil, Flumisol, Flumix, Imequyl



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**Note:** Chemical Formula: C<sub>14</sub>H<sub>12</sub>FNO<sub>3</sub>  
Mol. Mass: 261.25 g/mol