

Product datasheet for **AP09768PU-N**

Monensin Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1.25µg/ml (EIA).
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Monensin Sodium Salt-BTG
Specificity:	This antibody reacts to Monensin.
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 at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Monensin isolated from <i>Streptomyces cinnamonensis</i> is a polyether ionophore antibiotic. It is able to form pseudomacrocyclic complexes with mono and divalent cations and transport these cations across cellular membranes; hence it's antibiotic properties. In cells monensin blocks the secretion of glycoproteins. Monensin plays an important role as an Na ⁺ /H ⁺ antiporter, it blocks intracellular protein transport, and exhibits antibiotic, antimalarial, and other biological activities. Monensin is used extensively in the beef and dairy industry to improve growth rates of cattle.
Synonyms:	Rumensin, Monensic Acid



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