
Monensin Antibody

Subcategory: Sheep Polyclonal Antibody

Cat. No.: 252412

Unit: 0.1 ml

Description:

Monensin A (Monensin) is a polyether ionophore antibiotics isolated from *Streptomyces cinnamomensis*, and is perhaps the most representative drug of this group. Monensin is able to transport cations, specifically Li⁺, Na⁺, K⁺, Rb⁺, Ag⁺ and Tl, across lipid membranes of cells, playing an important role as a Na⁺/H⁺ antiporter. Monesin blocks intracellular protein transport, and exhibits antibiotic, antimalarial, and other biological activities. The antibacterial properties of monensin and its derivatives are attributable to their ability to transport metal cations through cellular and subcellular membranes.

Isotype: Sheep Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG (7-12 mg/ml) in 20mM phosphate, 150mM NaCl buffer, pH7.2 with 0.09% sodium azide. Antibody was purified by caprylic acid and ammonium sulfate precipitation.

Alternate Names: Monensin; Monesin A

Accession No.: 17090-79-8

Antigen: Monensin-BTG

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.