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Polyclonal Antibody to Ceftiofur/Desfuroylceftiofur - Ig Fraction AP09678PU-N **Quantity:** 0.1 ml **Concentration:** 13.27 mg/ml (U.V.abs @ 280nm) **Background:** Ceftiofur, a semisynthetic cephalosporin, is a broad-spectrum antibiotic against both Gram-positive and Gram-negative bacteria including beta-lactamase-producing bacterial strains and anaerobes. Its antibacterial activity results from the inhibition of mucopeptide synthesis in the cell wall in a similar fashion to other cephalosporins. Ceftiofur is used in the treatment of respiratory infections in cattle and pigs. Host / Isotype: Sheep / IgG Immunogen: Ceftiofur-BSA Format: State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 Preservatives: 0.09% Sodium Azide **Applications:** ELISA: 5 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. **Specificity:** This antibody reacts to Ceftiofur/Desfuroylceftiofur. Upon receipt, store undiluted (in aliquots) at -20°C. Storage: Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.