

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

BM2101 OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Monoclonal Antibody to Ceftiofur (incl. BSA conjugate) -**Ascites** BM2101 **Catalog No.: Quantity:** 1 ml **Background:** Ceftiofur, a semisynthetic cephalosporin, is a broad-spectrum antibiotic against both Grampositive 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: Mouse / IgG1 Clone: CH-2034 Format: State: Liquid diluted ascites Buffer System: PBS as buffer, containing 0.05 % Sodium azide as preservative. ELISA (suggested dilution: 1:1,500). Sensitivity is approximately 100 pg/ml when used with **Applications:** included conjugated control. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. **Specificity:** This antibody reacts with Ceftiofur. Does not react with desfuroylceftiofur (ceftiofur with cleaved thioester), other beta-lactam antibiotics such as cephalosporin C, cephapirin, or penicillin, other classes of antibiotics, or milk and serum proteins. Store the antibody undiluted at -20 °C. Avoid repeated freezing and thawing. Should this Storage: product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch. **Protocols:** Includes BSA Conjugated Control Format: Purified, Liquid Buffer: PBS, containing 0.05 % Sodium azide Application: A standard dilution of 1:1,500 is suggested in ELISA

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. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



OG/20121030