

Monoclonal Antibody to Cephalosporin (incl. BSA conjugate) - Ascites

Catalog No.:	AM00659PU-N
Quantity:	1 ml
Background:	Cephalosporins are bactericidal and have the same mode of action as other beta-lactam antibiotics, such as penicillins. They disrupt the synthesis of the peptidoglycan layer of bacterial cell walls.
Host / Isotype:	Mouse / IgG1
Clone:	CH-2025
Format:	State: Liquid Ascites Buffer System: PBS containing 0.05% Sodium Azide
Applications:	ELISA: 1:1,500; Sensitivity is approximately 50pg/ml when used with included conjugate. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Cephalosporins, cephapirin, other beta-lactam antibiotics with the cephalosporanic acid core with the acetyloxymethyl group at the 3-position. Much higher affinity for the closed lactam ring than the hydrolyzed (open) form. Does not react with beta-lactam antibiotics with the penicillanic acid core, 3-substituted cephalosporin derivatives such as ceftiofur, other classes of antibiotics, or milk and serum proteins.
Add. Information:	BSA Conjugated Control: Format: Purified, Liquid Buffer: PBS containing 0.05% Sodium Azide Applications: A standard dilution of 1:1,500 is suggested in ELISA.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.