bsm-0971M

- DATASHEET ------

[Primary Antibody]

Chloramphenicol Mouse mAb



Host: Mouse	lsotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Monoclonal	CloneNo.: 7C12	Reactivity: (predicted: Chloramphenicol)
Target: Chloramphenicol		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Chloramphenicol is a bacteriostatic antimicrobial originally derived from the bacterium Streptomyces venezuelae, isolated by David Gottlieb, and introduced into clinical practice in 1949. It was the first antibiotic to be manufactured synthetically on a large scale, and alongside the tetracyclines, is considered the prototypical broad-spectrum antibiotic. Chloramphenicol is effective against a wide variety of Grampositive and Gram-negative bacteria, including most anaerobic organisms. Due to resistance and safety concerns, it is no longer a first-line agent for any indication in developed nations and has been replaced by newer drugs in this setting, although it is sometimes used topically for eye infections. In low-income countries, chloramphenicol is still widely used because it is exceedingly inexpensive and readily available.		a a