

BM3280**Monoclonal Antibody to Penicillinase - Purified**

Quantity:	1 mg
Concentration:	1.4 mg/ml (OD 280 nm)
Background:	All of the beta-lactams are structurally related through the presence of a core beta-lactam ring. Bacterial resistance to beta-lactams continues to increase, primarily due to the production of beta-lactamases. Beta-lactamases catalyze the hydrolysis of the beta-lactam bond which destroys antibacterial activity.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	8A5.A10
Immunogen:	Recombinant 5'-His-tagged TEM-1 beta-lactamase derived from E. coli 205 TEM
Format:	State: Liquid purified Ig fraction. Purification: Affinity Chromatography on Protein G. Buffer System: PBS, pH 7.4 containing no preservative.
Applications:	Immunoblotting (10 µg/ml). ELISA (10-20 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes TEM-type beta-lactamases.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.