

## Product datasheet for **R1104BS**

### Penicillinase Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommend Dilution:	<b>ELISA:</b> 1/5,000-1/20,000. This product has been assayed against 1.0 µg of Penicillinase [ <i>E.clocae</i> ] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/4,000 to 1/20,000 of the reconstitution concentration is suggested. <b>Western blot:</b> 1/500-1/5,000. <b>Immunoprecipitation:</b> 1/100.
Reactivity:	Enterobacter
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Penicillinase from <i>Enterobacter cloacae</i>
Specificity:	This antibody detects Penicillinase [ <i>E. clocae</i> ]. Cross reactivity against Penicillinase from other tissues and species may occur but have not been specifically determined. Immunoelectrophoresis give a single precipitin arc against anti-biotin, anti-rabbit serum as well as purified and partially purified Penicillinase [ <i>E. clocae</i> ].
Formulation:	0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2 Label: Biotin State: Purified State: Lyophilized purified Ig fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Sodium azide
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin



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**Storage:** Store lyophilized at 2-8°C for 6 months or at -20°C long term.  
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.