

Mouse anti-Penicillin, clone Pen 9 (Monoclonal)

Clone no. Pen 9

MONOSAN

Product name	Mouse anti-Penicillin, clone Pen 9 (Monoclonal)
Host	Mouse
Applications	ELISA
Species reactivity	penicillin
Conjugate	-
Immunogen	penicilloyl-protein (transferrin) conjugate
Isotype	IgG1-kappa
Clonality	Monoclonal
Clone number	Pen 9
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Pen 9 reacts mainly with the thiazolidin ring of penicillin, but not with the lactam ring. The nature of the side chain in the penicilloyl group does not affect antibody binding as was shown by testing Pen 9 against benzylpenicillin, ampicillin, amoxillin and 6-aminopenicillanic acid. The presence of carrier protein is not essential for the presentation of the antigen associated with Pen 9.

References

1. P. de Haan et al., Int. Archs Allergy appl. Immun. 76: 42-46 (1985)
2. -
3. -
4. -
5. -

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