Product datasheet MON4040



## 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

lsotype lgG1-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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