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Datasheet for ABIN536746 **anti-Penicillin antibody**

Overview

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|--------------|---|
| Quantity: | 100 µg |
| Target: | Penicillin |
| Reactivity: | Penicillium sp. |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Penicillin antibody is un-conjugated |
| Application: | ELISA |

Product Details

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|--------------|--|
| Purpose: | Mouse monoclonal antibody raised against Penicillin. |
| Immunogen: | The benzylpenicilloyl group of penicillium conjugated with transferrin. |
| Clone: | Pen 9 |
| Isotype: | IgG1 |
| Specificity: | 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 effect 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. Splenocytes were fused with X63-Ag8.653 cells. |

Target Details

| | |
|---------|------------|
| Target: | Penicillin |
|---------|------------|

Target Details

Abstract: [Penicillin Products](#)

Target Type: Chemical

Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.05 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 4°C.