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Datasheet for ABIN536746  
**anti-Penicillin antibody**

### Overview

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

### Product Details

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
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## Target Details

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Abstract: [Penicillin Products](#)

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Target Type: Chemical

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: In PBS (0.05 % sodium azide)

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Preservative: Sodium azide

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

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Storage: 4 °C

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Storage Comment: Store at 4°C.

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