

## Datasheet for ABIN5610826 **anti-Penicillinase antibody**



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Penicillinase
Reactivity:	E. coli
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Penicillinase antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

### Product Details

Immunogen:	Recombinant 5'-His-tagged TEM-1 beta-lactamase derived from E. coli 205 TEM
Clone:	8A5-A10
Isotype:	IgG1
Purification:	Affinity Chromatography on Protein G

### Target Details

Target:	Penicillinase
Abstract:	<a href="#">Penicillinase Products</a>
Background:	All of the beta-lactams are structurally related through the presence of a core beta-lactam ring. Bacterial resistance to beta-lactams continues to increase, primarily due to the production of beta-lactamases. Beta-lactamases catalyze the hydrolysis of the beta-lactam bond which destroys antibacterial activity.

## Target Details

---

UniProt: [P00811](#)

## Application Details

---

Application Notes: Immunoblotting (10 µg/mL). ELISA (10-20 µg/mL).  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

---

Restrictions: For Research Use only

---

## Handling

---

Concentration: 1.4 mg/mL (OD 280 nm)

---

Buffer: PBS, pH 7.4 containing no preservative.

---

Preservative: Without preservative

---

Handling Advice: Avoid repeated freezing and thawing.

---

Storage: -20 °C

---