

Datasheet for ABIN105501  
**anti-Peroxidase antibody**[Go to Product page](#)

## 1 Image

## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | Peroxidase   |
| Reactivity:  | Horseradish  |
| Host:        | Mouse  |
| Clonality:   | Polyclonal   |
| Conjugate:   | This Peroxidase antibody is un-conjugated                |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|                             |  |
|-----------------------------|--|
| Immunogen:                  | Peroxidase [Horseradish]<br>Immunogen Type: Native Protein   |
| Isotype:                    | IgG  |
| Cross-Reactivity (Details): | Cross reactivity against Peroxidase from other tissues and species may occur but have not been specifically determined.  |
| Purity:                     | Anti-Peroxidase (horseradish) (Mouse) antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse Serum as well as purified and partially purified Peroxidase [Horseradish]. |
| Endotoxin Level:            | Low Endotoxin : No   |

## Target Details

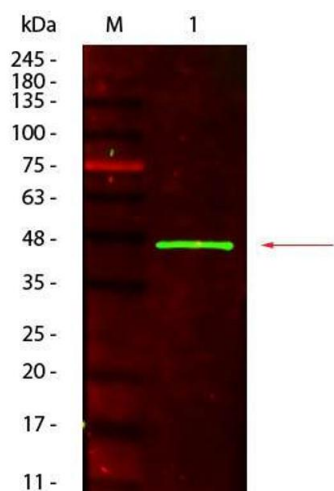
|             |   |
|-------------|---|
| Target:     | Peroxidase  |
| Abstract:   | <a href="#">Peroxidase Products</a>   |
| Background: | Horse Radish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in Western Blotting and ELISAs). Anti-Peroxidase (Horseradish) (Mouse) Antibody is ideal for investigators in Microbiology, Immunology, and Cell Biology research. Synonyms: HRP, Horseradish peroxidase, Mouse-anti-peroxidase antibody |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Anti-Peroxidase (Horseradish) (Mouse) antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoprecipitation, conjugation and most immunological methods requiring high titer and specificity.<br><br>ELISA Dilution: 1:1.000 - 1:5.000<br>Western Blot Dilution: 1:500 - 1:3.000 |
| Restrictions:      | For Research Use only  |

## Handling

|                  |   |
|------------------|---|
| Format:          | Liquid  |
| Buffer:          | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| Handling Advice: | Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.  |
| Storage:         | -20 °C  |
| Storage Comment: | Store vial at -20 °C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. |
| Expiry Date:     | Expiration date is one (1) year from date of opening.   |



Western Blotting

**Image 1.** Western Blot of Mouse anti-Peroxidase (Horseradish) Antibody. Lane 1: Peroxidase (Horseradish). Load: 100 µg per lane. Primary antibody: Mouse anti-Peroxidase (Horseradish) Antibody at 1:1,000 overnight at 4°C. Secondary antibody: Fluorescein conjugated mouse secondary antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 minutes at RT. Predicted/Observed size: 44 kDa, 44 kDa for Horseradish Peroxidase.