

**Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody**  
**Anti-Peroxidase (Mouse) Antibody**  
**Catalog # ASR4332****Specification**

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**Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - Product Information**

Host	<b>Mouse</b>
Conjugate	<b>Unconjugated</b>
Clonality	<b>Polyclonal</b>
Application	<b>WB, IHC, E, I, LCI</b>
Application Note	<b>Anti-Peroxidase (Horseradish) (Mouse) antibody has been tested by ELISA and western blot and is suitable for dot blot, immunoprecipitation, conjugation, and most immunological methods requiring high titer and specificity.</b>
Physical State	<b>Lyophilized</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Immunogen	<b>Peroxidase [Horseradish]</b>
Reconstitution Volume	<b>100 µL</b>
Reconstitution Buffer	<b>Restore with deionized water (or equivalent)</b>

**Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - Additional Information****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]. Cross reactivity against Peroxidase from other tissues and species may occur but have not been specifically determined.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

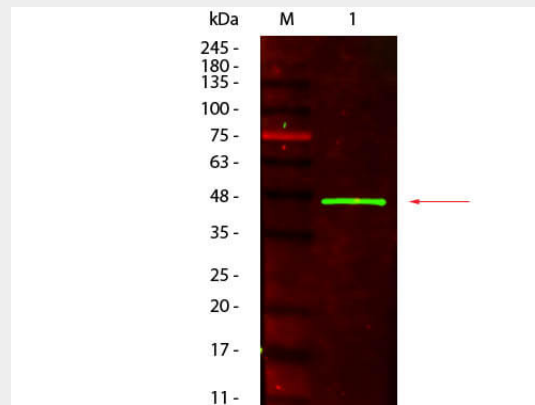
This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - Protein Information****Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - Images**



Western Blot of Mouse anti-Peroxidase (Horseradish) Antibody. Lane 1: Peroxidase (Horseradish). Load: 100ng 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: (MB-070 for 30 minutes at RT. Predicted/Observed size: 44 kDa, 44 kDa for Horseradish Peroxidase.

#### **Anti-PEROXIDASE (Horseradish) (MOUSE) Antibody - 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.