

**Anti-Cytochrome P450 Reductase Monoclonal Antibody**  
Catalog # ABO14655**Specification****Anti-Cytochrome P450 Reductase Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, IF, ICC, FC   |
| Primary Accession | <a href="#">P16435</a> |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Reactivity        | Rat, Human, Mouse      |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-Cytochrome P450 Reductase Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

**Anti-Cytochrome P450 Reductase Monoclonal Antibody - Additional Information**

Gene ID 5447

**Other Names**

NADPH--cytochrome P450 reductase {ECO:0000255|HAMAP-Rule:MF\_03212}, CPR {ECO:0000255|HAMAP-Rule:MF\_03212}, P450R {ECO:0000255|HAMAP-Rule:MF\_03212}, 1.6.2.4 {ECO:0000255|HAMAP-Rule:MF\_03212}, POR {ECO:0000255|HAMAP-Rule:MF\_03212}, CYPOR

**Application Details**

WB 1:1000-1:5000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:20

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human Cytochrome P450 Reductase This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.

**Purification**

Affinity-chromatography

**Storage**

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

**Anti-Cytochrome P450 Reductase Monoclonal Antibody - Protein Information**

**Name** POR {ECO:0000255|HAMAP-Rule:MF\_03212}

## Synonyms CYPOR

### Function

This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to heme oxygenase and cytochrome B5.

### Cellular Location

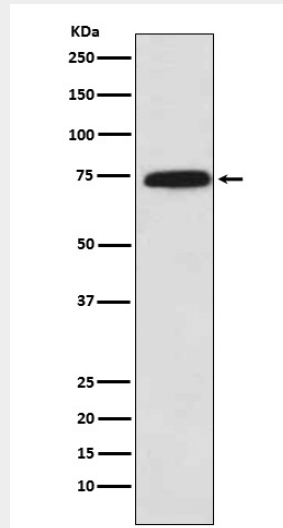
Endoplasmic reticulum membrane {ECO:0000255|HAMAP-Rule:MF\_03212}; Single-pass membrane protein {ECO:0000255|HAMAP-Rule:MF\_03212}; Cytoplasmic side {ECO:0000255|HAMAP-Rule:MF\_03212}

## Anti-Cytochrome P450 Reductase Monoclonal 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-Cytochrome P450 Reductase Monoclonal Antibody - Images



Western blot analysis of Cytochrome P450 Reductase expression in A431 cell lysate.