

**Monoclonal anti-P450 1A1/2  
(CYP1A1/2) Antibody**

(50  $\mu$ L)

Catalog Number: **P1A12PT**

Store at -20°C.

FOR RESEARCH USE ONLY



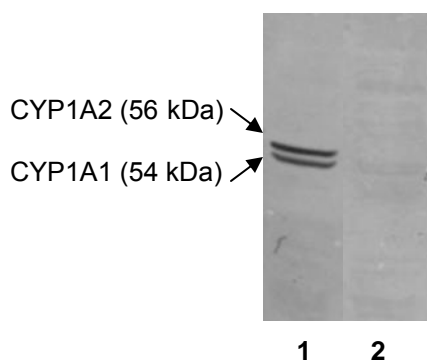
**Preparation:** Monoclonal antibody for rat CYP1A1/2 was produced by immunization of a mouse with purified rat CYP1A1/2.

**Specificity:** The antibody recognizes CYP1A1/2 from rat.

**Contents:** 50  $\mu$ L per vial with 0.7% BSA and 0.05% azide.

**Storage:** Avoid repeated freezing and thawing by aliquoting portions of the antibody into eppendorf tubes and storing at -20°C.

**Western Blots:** 5  $\mu$ L per 10 mL of TBS (1:2000 dilution) containing 5% non-fat milk for overnight incubation is necessary for ECL method. We recommend a 1:5000 dilution of HRP conjugated anti-mouse secondary antibody in TBS containing 5% non-fat milk for 1 hr incubation.



- 1: Male Sprague Dawley rat microsomes (10  $\mu$ g/lane) treated with 3-MC (25 mg/kg, single injection, i.p.)
- 2: Male Sprague Dawley rat microsomes (10  $\mu$ g/lane) treated with corn oil (2mL/kg/day, for 3 days, i.p.)