

# Cyp1a1 monoclonal antibody

Catalog # MAB3813

Size 50 ug

## Specification

Product Description	Mouse monoclonal antibody raised against recombinant Cyp1a1.
Immunogen	Recombinant protein corresponding to rat Cyp1a1.
Host	Mouse
Reactivity	Rat
Specificity	This mouse monoclonal antibody is specific to rat cytochrome P450 1A1 and is provided as IgG from caprylic acid and ammonium sulfate treatments. This monoclonal mouse IgG is useful for the identification of CYP450 1A1 by immunoassay or Western blots. Does not cross-react with 1A2.
Form	Liquid
Isotype	IgG
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% gelatin, 0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

## Gene Info — Cyp1a1

Entrez GeneID	<a href="#">24296</a>
Gene Name	Cyp1a1
Gene Alias	AHH, AHRR, CP11, CYP1, Cyp45c, Cypc45c, P-450MC, P1-450, P450-C, P450DX
Gene Description	cytochrome P450, family 1, subfamily a, polypeptide 1
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	cytochrome P450
Other Designations	P450form6 aryl hydrocarbon hydroxylase cytochrome P1-450 cytochrome P450 subfamily I (aromatic compound-inducible) member A1 (C6 form c) (C6 form c) cytochrome P450, 1a1 cytochrome P450, subfamily I (aromatic compound-inducible), member A1 (C6, form c) (C

## Publication Reference

- [Characterization of nine monoclonal antibodies against rat hepatic cytochrome P-450c. Delineation of at least five spatially distinct epitopes.](#)

Thomas PE, Reik LM, Ryan DE, Levin W.

The Journal of Biological Chemistry 1984 Mar; 259(6):3890.

Application: ELISA, WB, Rat, Rat livers