



# CYP2U1 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-02591
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	CYP2U1
<b>Protein Name</b>	Cytochrome P450 2U1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2U1. AA range:281-330
<b>Specificity</b>	CYP2U1 Monoclonal Antibody detects endogenous levels of CYP2U1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CYP2U1; Cytochrome P450 2U1
<b>Observed Band</b>	61kD
<b>Cell Pathway</b>	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Microsome membrane ; Multi-pass membrane protein . Mitochondrion inner membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Widely expressed with stronger expression in thymus, heart and cerebellum.
<b>Function</b>	catalytic activity:RH + reduced flavoprotein + O(2) = ROH + oxidized flavoprotein + H(2)O.,cofactor:Heme group.,developmental stage:Expressed in fetal thymus.,function:Catalyzes the hydroxylation of arachidonic acid, docosahexaenoic acid and other long chain fatty acids. May modulate the arachidonic acid signaling pathway and play a role in other fatty acid signaling processes.,similarity:Belongs to the cytochrome P450 family.,tissue specificity:Widely expressed with stronger expression in thymus, heart and cerebellum.,
<b>Background</b>	This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is a hydroxylase that metabolizes arachidonic acid, docosahexaenoic acid, and other long chain fatty acids. [provided by RefSeq, Jul



2008],

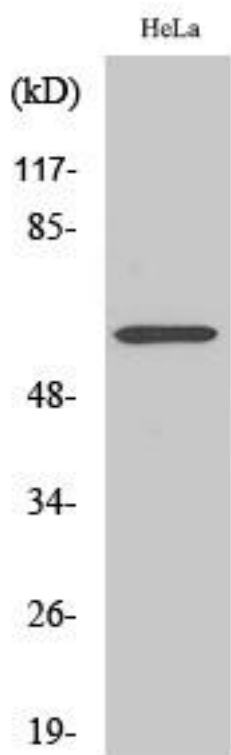
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of various cells using CYP2U1 Monoclonal Antibody