



# Anti-CYP2U1 monoclonal antibody (DCABH-11195)

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

## PRODUCT INFORMATION

<b>Antigen Description</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.
<b>Immunogen</b>	A synthetic peptide of human CYP2U1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [CYP2U1 cytochrome P450, family 2, subfamily U, polypeptide 1 \[ Homo sapiens \]](#)

<b>Official Symbol</b>	CYP2U1
<b>Synonyms</b>	CYP2U1; cytochrome P450, family 2, subfamily U, polypeptide 1; cytochrome P450 2U1; P450TEC;
<b>Entrez Gene ID</b>	<a href="#">113612</a>
<b>Protein Refseq</b>	<a href="#">NP_898898</a>
<b>UniProt ID</b>	<a href="#">Q7Z449</a>
<b>Chromosome Location</b>	4q25
<b>Pathway</b>	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P45 - arranged by substrate type, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Miscellaneous substrates, organism-specific biosystem.
<b>Function</b>	aromatase activity; electron carrier activity; heme binding; metal ion binding;