

Rabbit anti-Human Cytochrome P450 2D6 Monoclonal Antibody | anti-CYP2D6 antibody

Recombinant Cytochrome P450 2D6 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178817	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

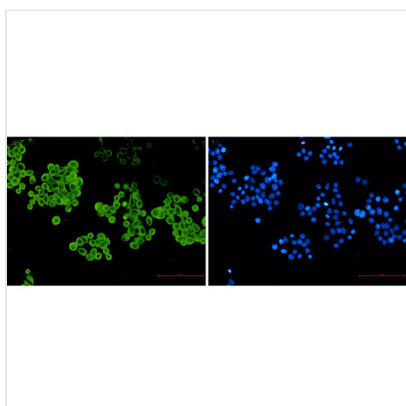
PRODUCT SYNONYMS

Cytochrome P450 2D6; Monoclonal Antibody; Recombinant Cytochrome P450 2D6 Monoclonal Antibody; CPD6; CYP2D; CYP2D6; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; CYP2DL1; CYP1ID6; Cytochrome P450 DB1; Cytochrome P450 family 2 subfamily D member 6; Cytochrome P450 family 2 subfamily D polypeptide 6; Debrisoquine 4 hydroxylase; Flavoprotein linked monooxygenase; Microsomal monooxygenase; P450 DB1; P450C2D; P450DB1; Xenobiotic monooxygenase; anti-CYP2D6 antibody

PRODUCT SPECIFICATIONS

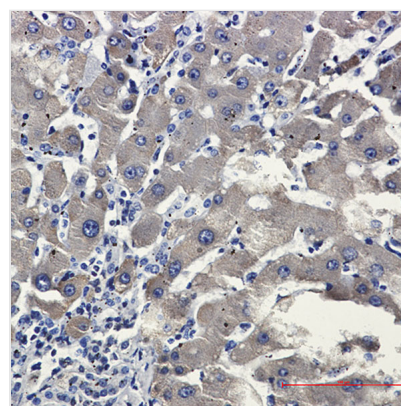
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R07-3G8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-CYP2D6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CYP2D6
Research Area	Cardiovascular, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



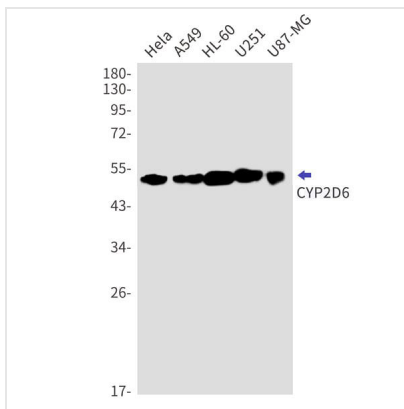
IF (Immunofluorescence)

Immunofluorescence of CYP2D6 (green) in HeLa using CYP2D6 Rabbit mAb at dilution 1:50, and DAPI (blue)



IHC (Immunohistochemistry)

Immunohistochemistry of CYP2D6 in paraffin-embedded liver cancer tissue using CYP2D6 Rabbit mAb at dilution 1:50



WB (Western Blot)
 Western blot detection of CYP2D6 in HeLa,A549,HL-60,U251,U87-MG cell lysates using CYP2D6 Rabbit mAb(1:1000 diluted).Predicted band size:56kDa.Observed band size:50kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP2D6 antibody	CYP2D6(Cytochrome P450 2D6) is also named as CYP2DL1 and belongs to the cytochrome P450 family. It is monooxygenase that involved in the metabolism of drugs such as antiarrhythmics,adrenoceptor antagonists,and tricyclic antidepressants. CYP2D6 is responsible for the metabolism of many drugs and environmental chemicals that it oxidizes. It has 2 isoforms produced by alternative splicing with the molecular weight of 56 kDa and 50 kDa.
Product Categories/Family for anti-CYP2D6 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	392513721
NCBI GeneID	1565
NCBI Accession #	NP_000097.3
NCBI GenBank Nucleotide #	NM_000106.5
UniProt Accession #	P10635; Q16752; Q2XND6; Q2XND7; Q2XNE0; Q6B012; Q6NXU8
Molecular Weight	55,769 Da
NCBI Official Full Name	cytochrome P450 2D6 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily D, polypeptide 6
NCBI Official Symbol	CYP2D6
NCBI Official Synonym Symbols	CPD6; CYP2D; CYP2DL1; CYP1ID6; P450C2D; P450DB1; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; P450-DB1
NCBI Protein Information	cytochrome P450 2D6; cytochrome P450-DB1; microsomal monooxygenase; xenobiotic monooxygenase; debrisoquine 4-hydroxylase; flavoprotein-linked monooxygenase; cytochrome P450, family 2, subfamily D, polypeptide 7 pseudogene 2; cytochrome P450, family 2, sub
UniProt Protein Name	Cytochrome P450 2D6
UniProt Gene Name	CYP2D6
UniProt Synonym Gene Names	CYP2DL1
UniProt Entry Name	CP2D6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

