

## CYP2C19 Antibody

Catalog No: #47003

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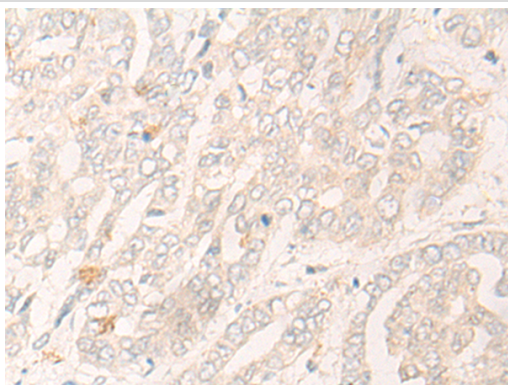
## Description

Product Name	CYP2C19 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP2C19 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human CYP2C19
Target Name	CYP2C19
Other Names	CPCJ; CYP2C; P450C2C; CYP11C17; CYP11C19; P45011C19
Accession No.	Swiss-Prot#:P33261 NCBI Gene ID:1557Gene Accssion:NP_000760
Uniprot	P33261
GeneID	1557;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20C

## Application Details

Immunofluorescence:1: 25-100

## Images



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47003(CYP2C19 Antibody) at dilution 1/25. (Original magnification: 200)

## Background

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 protein localizes to the endoplasmic reticulum and is known to metabolize many xenobiotics, including the anticonvulsive drug mephenytoin, omeprazole, diazepam and some barbiturates. Polymorphism within this gene is associated with variable ability to metabolize mephenytoin, known as the poor metabolizer and extensive metabolizer

phenotypes. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24.

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Note: This product is for in vitro research use only