

For Research Use Only

# CYP2C19 Polyclonal antibody

Catalog Number: 55453-1-AP



## Basic Information

<b>Catalog Number:</b> 55453-1-AP	<b>GenBank Accession Number:</b> NM_000769	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1557	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> cytochrome P450, family 2, subfamily C, polypeptide 19	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 56 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, ELISA	<b>Positive Controls:</b> IHC : human liver cancer tissue, IF : HeLa cells,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Storage

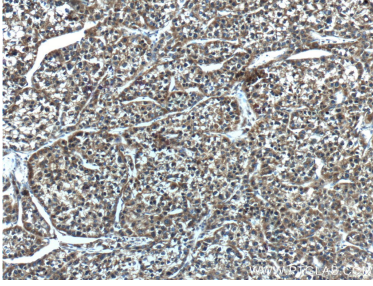
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

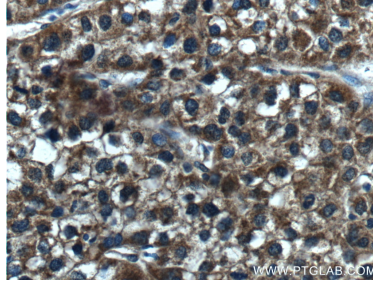
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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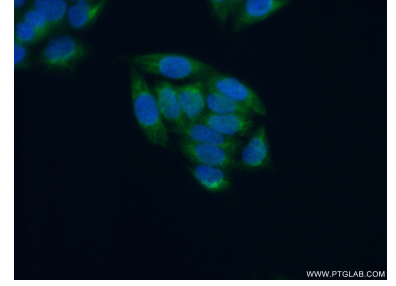
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55453-1-AP (CYP2C19 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 55453-1-AP (CYP2C19 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 55453-1-AP (CYP2C19 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).