

For Research Use Only

# CYP20A1 Monoclonal antibody

Catalog Number: 67433-1-Ig



## Basic Information

**Catalog Number:**

67433-1-Ig

**Size:**

150ul , Concentration: 500 ug/ml by Bradford method using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG9715

**GenBank Accession Number:**

BC020616

**GeneID (NCBI):**

57404

**UNIPROT ID:**

Q6UW02

**Full Name:**

cytochrome P450, family 20, subfamily A, polypeptide 1

**Calculated MW:**

462 aa, 52 kDa

**Observed MW:**

49-52 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

2A9E2

**Recommended Dilutions:**

WB 1:5000-1:50000

IHC 1:250-1:1000

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

Human, Mouse, Rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, K-562 cells, Neuro-2a cells

**IHC :** human liver cancer tissue,

**IF/ICC :** HeLa cells,

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**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

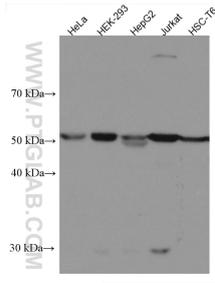
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

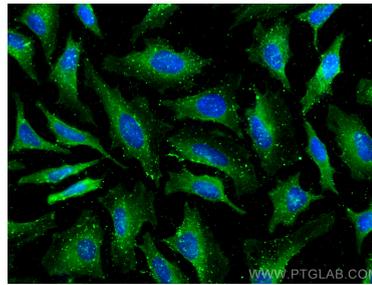
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

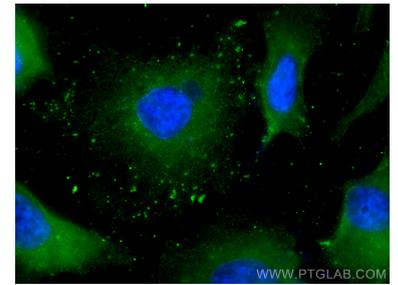
## Selected Validation Data



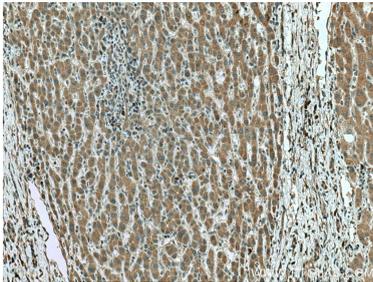
Various lysates were subjected to SDS PAGE followed by western blot with 67433-1-Ig (CYP20A1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



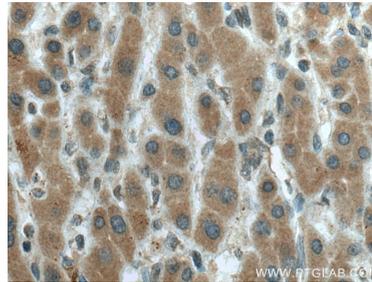
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CYP20A1 antibody (67433-1-Ig, Clone: 2A9E2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



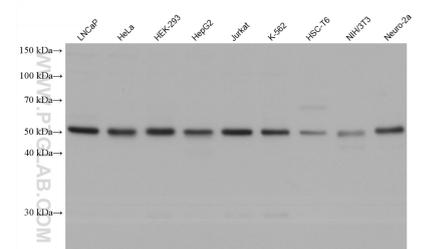
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CYP20A1 antibody (67433-1-Ig, Clone: 2A9E2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67433-1-Ig (CYP20A1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67433-1-Ig (CYP20A1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67433-1-Ig (CYP20A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.