

For Research Use Only

# CYP2W1 Monoclonal antibody

Catalog Number: 67419-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 67419-1-Ig	<b>GenBank Accession Number:</b> BC025761	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 54905	<b>CloneNo.:</b> 2B10H2
<b>Source:</b> Mouse	<b>Full Name:</b> cytochrome P450, family 2, subfamily WB 1W, polypeptide 1	<b>Recommended Dilutions:</b>
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 54 kDa	
<b>Immunogen Catalog Number:</b> AG29982	<b>Observed MW:</b> 45-54 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse, Rat	<b>WB :</b> HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells

## Background Information

Cytochrome P450s have been proposed to be of importance both in carcinogenesis, by activating precarcinogens, and as determinants of cancer chemotherapy, where they participate in activation or inactivation of anti-cancer drugs. CYP2W1 is exclusively expressed in transformed tissue in the adult human, mainly in colon tumors. It is a potential drug target in cancer therapy. CYP2W1 has a molecular weight of 52-54 kDa, and 30/45 kDa of potential isoforms.

## Storage

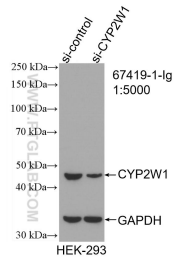
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

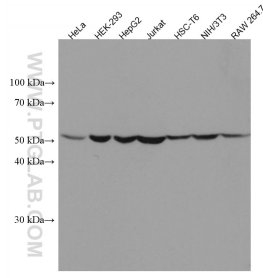
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected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



WB result of CYP2W1 antibody (67419-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CYP2W1 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 67419-1-Ig (CYP2W1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.