

For Research Use Only

# DHODH Monoclonal antibody

Catalog Number: 67977-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 67977-1-Ig	<b>GenBank Accession Number:</b> BC065245	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 1723	<b>CloneNo.:</b> 2B2C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q02127	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> dihydroorotate dehydrogenase	
<b>Immunogen Catalog Number:</b> AG6649	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, HeLa cells, HEK-293 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human, mouse, rat	
<b>Cited Species:</b> mouse, monkey	

## Background Information

DHODH (Dihydroorotate dehydrogenase) catalyzes the fourth enzymatic step in de novo pyrimidine biosynthesis. DHO dehydrogenase is a monofunctional protein which, in most eukaryotic organisms, is located on the outer surface of the inner mitochondrial membrane. Defects in DHODH are the cause of postaxial acrofacial dysostosis (POADS).

## Notable Publications

Author	Pubmed ID	Journal	Application
Panpan Xue	39226614	ACS Nano	WB
Yuanqi Yang	38124181	Vet Res	WB

## 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

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

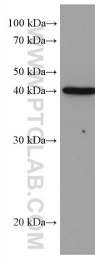
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

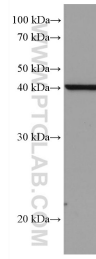
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 67977-1-Ig (DHODH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67977-1-Ig (DHODH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.