

For Research Use Only

DHODH Monoclonal antibody

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



Basic Information

Catalog Number: 67977-1-Ig	GenBank Accession Number: BC065245	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1723	CloneNo.: 2B2C6
Source: Mouse	UNIPROT ID: Q02127	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: dihydroorotate dehydrogenase	
Immunogen Catalog Number: AG6649	Calculated MW: 43 kDa	
	Observed MW: 43 kDa	

Applications

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

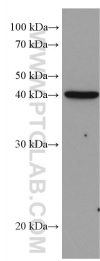
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

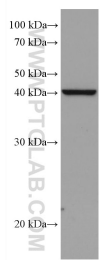
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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.