

For Research Use Only

DHODH Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67977-1-PBS



Basic Information

Catalog Number: 67977-1-PBS	GenBank Accession Number: BC065245	Purification Method: Protein G purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 1723	CloneNo.: 2B2C6
Source: Mouse	UNIPROT ID: Q02127	
Isotype: IgG1	Full Name: dihydroorotate dehydrogenase	
Immunogen Catalog Number: AG6649	Calculated MW: 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Product Information

67977-1-PBS targets DHODH as part of a matched antibody pair:

MP50416-1: 67977-2-PBS capture and 67977-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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).

Storage

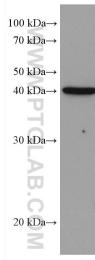
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

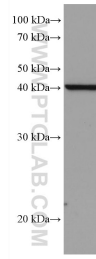
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

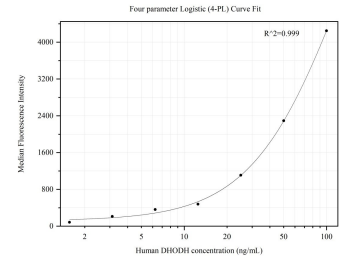
Selected Validation Data



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. This data was developed using the same antibody clone with 67977-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 67977-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50416-1, DHODH Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67977-2-PBS. Detection antibody: 67977-1-PBS. Standard: Ag6649. Range: 1.563-100 ng/mL.