

For Research Use Only

OTC Monoclonal antibody, PBS Only

Catalog Number: 67553-1-PBS



Basic Information

Catalog Number: 67553-1-PBS	GenBank Accession Number: BC074745	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5009	CloneNo.: 2F11C7
Source: Mouse	UNIPROT ID: P00480	
Isotype: IgG2a	Full Name: ornithine carbamoyltransferase	
Immunogen Catalog Number: AG24186	Calculated MW: 354 aa, 40 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, mouse, rat, pig

Background Information

Ornithine transcarbamylase (OTC) is a liver and intestinal mucosa-located, intramitochondrial, rate-limiting enzyme in the urea cycle. It catalyzes the reaction that converts ornithine and carbamoyl phosphate into citrulline, which is the second step of the urea cycle, to detoxify the ammonia produced from amino acid catabolism.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

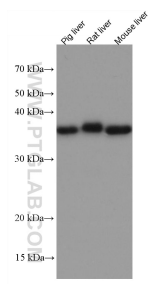
T: 4006900926

E: Proteintech-CN@ptglab.com

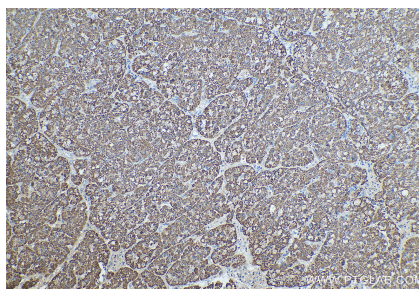
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67553-1-Ig (OTC antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67553-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67553-1-Ig (OTC antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67553-1-PBS in a different storage buffer formulation.