

For Research Use Only

# ECH1 Monoclonal antibody, PBS Only



Catalog Number: 68139-1-PBS

## Basic Information

Catalog Number:

68139-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG32661

GenBank Accession Number:

BC017408

GeneID (NCBI):

1891

UNIPROT ID:

Q13011

Full Name:

enoyl Coenzyme A hydratase 1, peroxisomal

Calculated MW:

328 aa, 36 kDa

Observed MW:

33-36 kDa

Purification Method:

Protein G purification

CloneNo.:

1C9G5

## Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

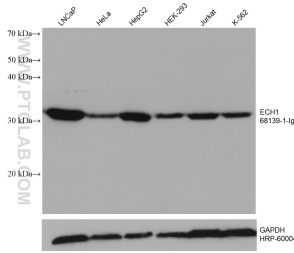
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

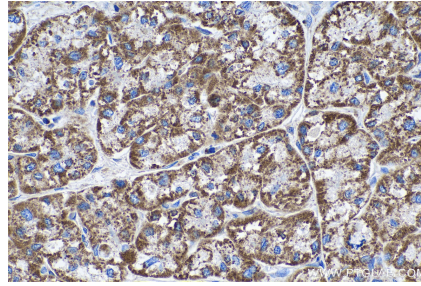
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

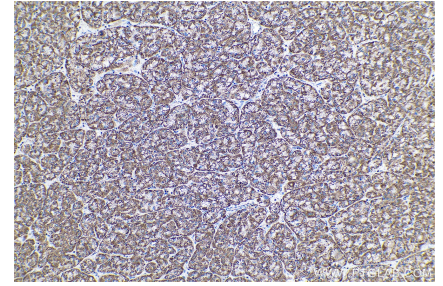
## Selected Validation Data



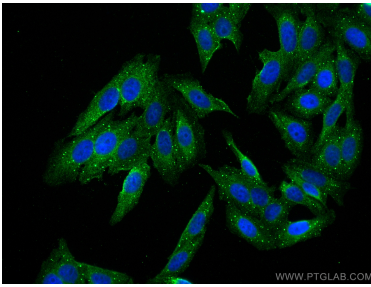
Various lysates were subjected to SDS PAGE followed by western blot with 68139-1-Ig (ECH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 68139-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68139-1-Ig (ECH1 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68139-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 68139-1-Ig (ECH1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68139-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ECH1 antibody (68139-1-Ig, Clone: 1C9G5) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68139-1-PBS in a different storage buffer formulation.