

ECH1 Monoclonal antibody

Catalog Number: 68139-1-Ig

Basic Information

Catalog Number:

68139-1-Ig

Size:

1000 µg/ml

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

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:2000-1:8000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : LNCaP cells, HeLa cells, HepG2 cells, HEK-293
cells, Jurkat cells, K-562 cells

IHC : human liver cancer tissue,

IF/ICC : HepG2 cells,

Background Information

Storage

Storage:

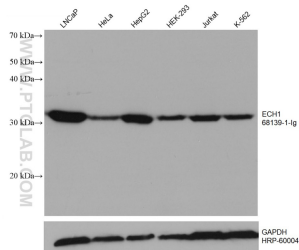
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

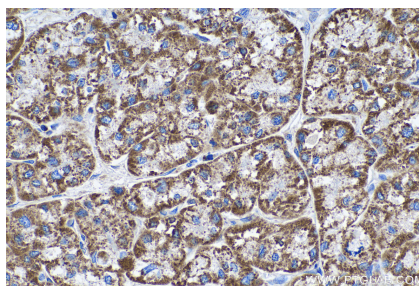
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

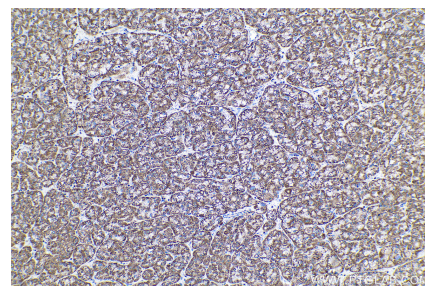
Selected Validation Data



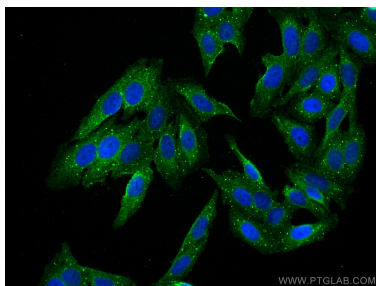
Various lysates were subjected to SDS PAGE followed by western blot with 68139-1-Ig (ECH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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).



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).



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).