

For Research Use Only

ECH1 Monoclonal antibody

Catalog Number: 68139-1-Ig



Basic Information

Catalog Number: 68139-1-Ig	GenBank Accession Number: BC017408	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 1891	CloneNo.: 1C9G5
Source: Mouse	UNIPROT ID: Q13011	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:2000-1:8000 IF 1:400-1:1600
Isotype: IgG1	Full Name: enoyl Coenzyme A hydratase 1, peroxisomal	
Immunogen Catalog Number: AG32661	Calculated MW: 328 aa, 36 kDa	
	Observed MW: 33-36 kDa	

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: 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

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

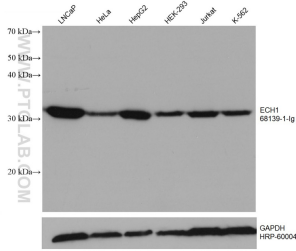
T: 4006900926

E: Proteintech-CN@ptglab.com

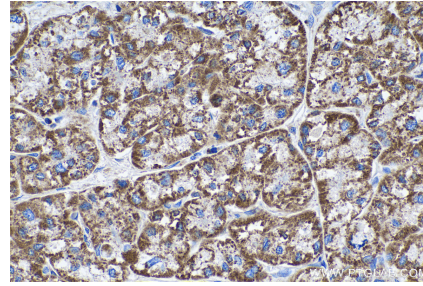
W: ptgcn.com

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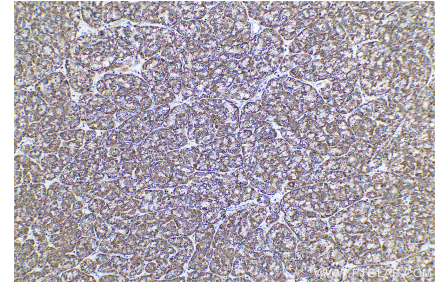
Selected Validation Data



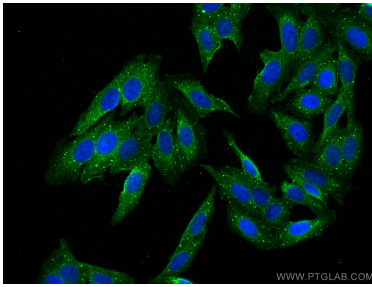
Various lysates were subjected to SDS PAGE followed by western blot with 68139-1-Ig (ECH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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).