

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:	150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	1891	CloneNo.:	1C9G5
Source:	Mouse	UNIPROT ID:	Q13011	Recommended Dilutions:	WB 1:5000-1:50000
Isotype:	IgG1	Full Name:	enoyl Coenzyme A hydratase 1, peroxisomal	IHC 1:2000-1:8000	IF/ICC 1:400-1:1600
Immunogen Catalog Number:	AG32661	Calculated MW:	328 aa, 36 kDa		
		Observed MW:	33-36 kDa		

Applications

Tested Applications:	WB, IHC, IF/ICC, ELISA	Positive Controls:	
Species Specificity:	Human	WB :	LNCaP cells, HeLa cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells
Note-IHC:	suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC :	human liver cancer tissue,
		IF/ICC :	HepG2 cells,

Storage

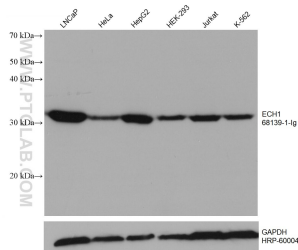
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

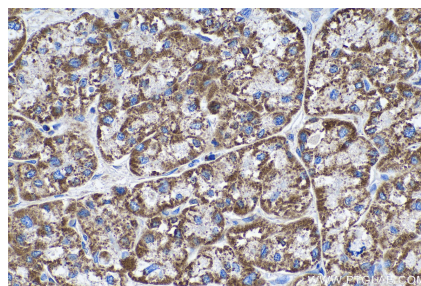
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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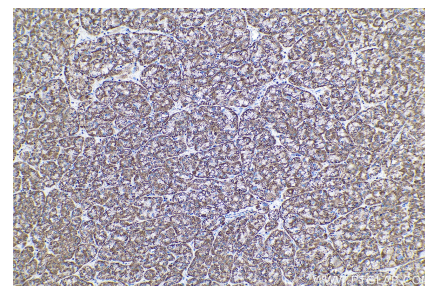
Selected Validation Data



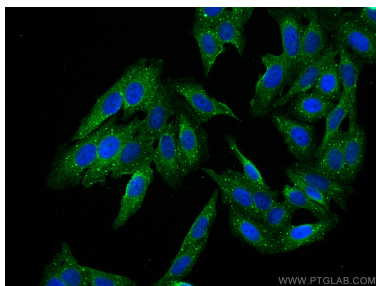
Various lysates were subjected to SDS PAGE followed by western blot with 68139-1-Ig (ECH1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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 Goat Anti-Mouse IgG(H+L).