

For Research Use Only

ERAB Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60069-1-PBS

Featured Product



Basic Information

Catalog Number: 60069-1-PBS	GenBank Accession Number: BC008708	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 3028	CloneNo.: 1G5E5
Source: Mouse	UNIPROT ID: Q99714	
Isotype: IgG1	Full Name: hydroxysteroid (17-beta) dehydrogenase 10	
Immunogen Catalog Number: AG1020	Calculated MW: 26 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications:
WB, IHC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

HSD17B10 (3-hydroxyacyl-CoA dehydrogenase type-2) is a multifunctional mitochondrial enzyme that acts on a wide spectrum of substrates, including neuroactive steroids, alcohols, leucine, and fatty acids, with a preference for short-chain methyl-branched acyl-CoAs (PMID:15860413). It has 2 isoforms produced by alternative splicing. Defects in HSD17B10 are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD deficiency) and mental retardation syndromic X-linked type 10 (MRXS10).

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:

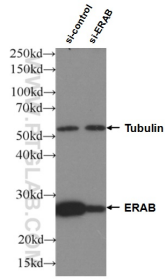
T: 4006900926

E: Proteintech-CN@ptglab.com

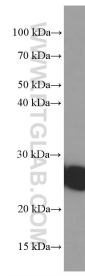
W: ptgcn.com

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

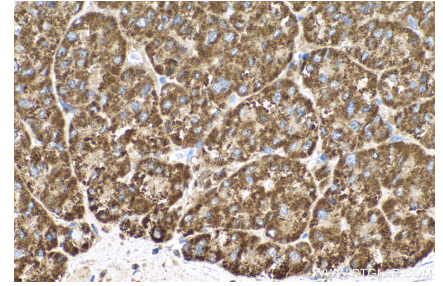
Selected Validation Data



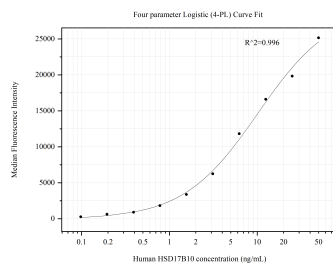
WB result of ERAB antibody (60069-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ERAB transfected HEK-293 cells. This data was developed using the same antibody clone with 60069-1-PBS in a different storage buffer formulation.



ROS1728 cells were subjected to SDS PAGE followed by western blot with 60069-1-Ig (ERAB Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60069-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60069-1-Ig (ERAB antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60069-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50654-2, HSD17B10 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60069-1-PBS. Detection antibody: 60069-4-PBS. Standard: Ag1020. Range: 0.098-50 ng/mL.