

For Research Use Only

SIRT5 Monoclonal antibody, PBS Only



Catalog Number: 67257-1-PBS

Basic Information

Catalog Number: 67257-1-PBS	GenBank Accession Number: BC000126	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23408	CloneNo.: 1F2B2
Source: Mouse	UNIPROT ID: Q9NXA8	
Isotype: IgG2b	Full Name: sirtuin (silent mating type information regulation 2 homolog) 5 (S. cerevisiae)	
Immunogen Catalog Number: AG7743	Calculated MW: 34 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human

Background Information

SIRT5, a member of sirtuin family that is a mitochondrial matrix NAD(+)-dependent deacetylase and mono-ADP-ribosyltransferases. Sirtuins play important role in various cellular processes, such as aging, gene silencing and metabolism. SIRT5 mainly locates in . It is an efficient protein lysine desuccinylase and demalonylase. During prolonged fasting, it can activate CPS1, the committed and regulated enzyme of the urea cycle, and contribute to the regulation of blood ammonia levels.

Storage

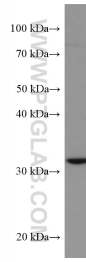
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

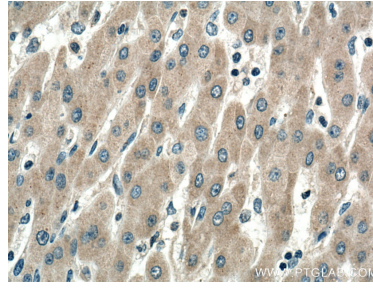
For technical support and original validation data for this product please contact:
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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 67257-1-Ig (SIRT5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67257-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67257-1-Ig (SIRT5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67257-1-PBS in a different storage buffer formulation.