

For Research Use Only

SEPT6 Monoclonal antibody, PBS Only



Catalog Number: 68173-1-PBS

Basic Information

Catalog Number: 68173-1-PBS	GenBank Accession Number: BC036240	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 23157	CloneNo.: 1B1G1
Source: Mouse	UNIPROT ID: Q14141	
Isotype: IgG1	Full Name: septin 6	
Immunogen Catalog Number: AG32736	Calculated MW: 434 aa, 50 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, mouse, pig, rabbit, rat

Background Information

Septin 6 belongs to the septins family which are conserved GTP-binding proteins functioning as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeletal remodeling. Septin 6 also interacts with hepatitis C virus (HCV) NS5b RNA polymerase and NS5b-binding protein (HNRNPA1) and may play a role in HCV RNA replication.

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:

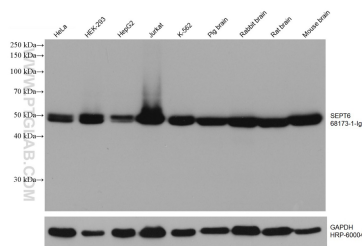
T: 4006900926

E: Proteintech-CN@ptglab.com

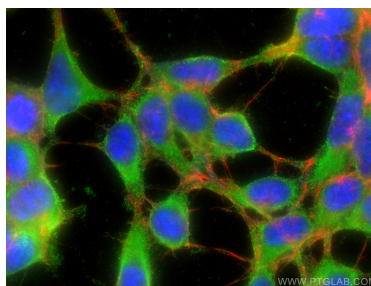
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68173-1-Ig (SEPT6 antibody) at dilution of 1:10000 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. This data was developed using the same antibody clone with 68173-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using SEPT6 antibody (68173-1-Ig, Clone: 1B1G1) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68173-1-PBS in a different storage buffer formulation.