

For Research Use Only

# SMO Monoclonal antibody, PBS Only

Catalog Number: 66851-2-PBS



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
66851-2-PBS	BC009989	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
1 mg/ml	6608	2A11A10
Source:	UNIPROT ID:	
Mouse	Q99835	
Isotype:	Full Name:	
IgG1	smoothened homolog (Drosophila)	
Immunogen Catalog Number:	Calculated MW:	
AG25861	787 aa, 86 kDa	

## Applications

Tested Applications:  
Indirect ELISA, IF

Species Specificity:  
Human, Canine

## Background Information

Smoothened (SMO) is a G protein-coupled receptor that is a component of the hedgehog (Hh) signaling pathway and is conserved from flies to humans. The Hh pathway plays central roles in animal development and stem-cell function. Defects in Hh signalling lead to birth defects and cancer in humans. Expressed on the primary cilium, SMO interacts with the patched protein, a receptor for Hh proteins.

## 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:

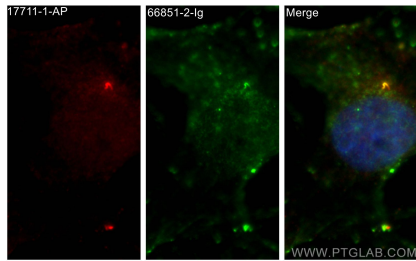
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MDCK cells using SMO antibody (66851-2-Ig, Clone: 2A11A10) at dilution of 1:800 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), ARL13B antibody (17711-1-AP, red). This data was developed using the same antibody clone with 66851-2-PBS in a different storage buffer formulation.