

For Research Use Only

# SCRN1 Recombinant monoclonal antibody, PBS Only

Catalog Number:86646-1-PBS



## Basic Information

<b>Catalog Number:</b> 86646-1-PBS	<b>GenBank Accession Number:</b> BC040492	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 9805	<b>CloneNo.:</b> 251548C7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q12765	
<b>Immunogen Catalog Number:</b> AG5413	<b>Full Name:</b> secernin 1	
	<b>Calculated MW:</b> 46 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

SCRN genes encode protein members of the secernin family including Secernin 1, Secernin 2 and Secernin 3. Function of Secernin 2 and Secernin 3 are so far not well understood. Secernin 1 is a novel 50-kDa cytosolic protein that appears to be involved in the regulation of exocytosis from peritoneal mast cells. Secernin-1 a novel tumor-associated antigen (TAA) and may be a universal marker of different cancer types including gastric cancer, which has been validated by several researches. Measurement of SCRIN1 can be used in the early detection of cancer or in the surveillance of patients who undergo surgery.

## 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, pH7.3

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

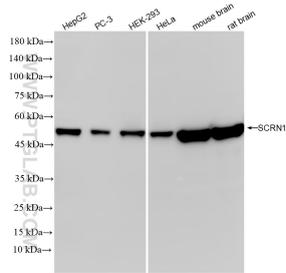
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

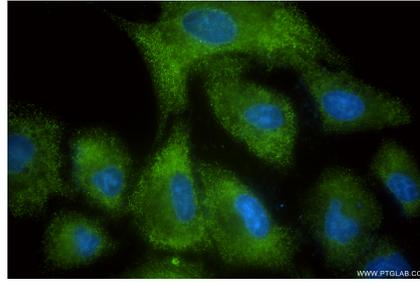
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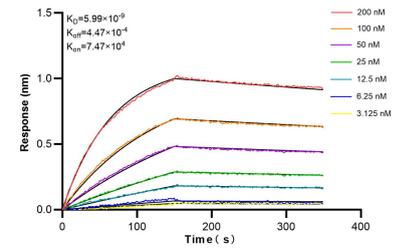
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86646-1-RR (SCRNI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86646-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using SCRNI antibody (86646-1-RR, Clone: 251548C7) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86646-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 86646-1-RR against Human SCRNI were performed. The affinity constant is 5.99 nM.