

For Research Use Only

# SEC10/EXOC5 Recombinant monoclonal antibody, PBS Only

Catalog Number:87198-1-PBS



## Basic Information

<b>Catalog Number:</b> 87198-1-PBS	<b>GenBank Accession Number:</b> BC041126	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10640	<b>CloneNo.:</b> 252196E11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O00471	
<b>Immunogen Catalog Number:</b> AG11524	<b>Full Name:</b> exocyst complex component 5	
	<b>Calculated MW:</b> 708 aa, 82 kDa	
	<b>Observed MW:</b> 70-77 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

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

## Background Information

The exocyst complex, composed of eight evolutionarily conserved subunits (SEC3, SEC5, SEC6, SEC8, SEC10, SEC15, EXO70, and EXO84), is essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. The complex is also essential for the biogenesis of epithelial cell surface polarity. SEC10, as a central component of the eight-protein exocyst complex, plays a crucial role in exocytosis.

## 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:

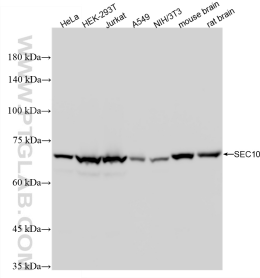
T: 4006900926

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

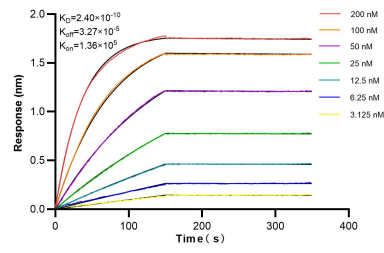
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87198-1-RR (SEC10 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87198-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87280-1-RR against Human SEC10/EXOC5 were performed. The affinity constant is 0.24 nM.