

For Research Use Only

SEC10/EXOC5 Recombinant monoclonal antibody, PBS Only

Catalog Number:87198-1-PBS



Basic Information

Catalog Number: 87198-1-PBS	GenBank Accession Number: BC041126	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10640	CloneNo.: 252196E11
Source: Rabbit	UNIPROT ID: O00471	
Isotype: IgG	Full Name: exocyst complex component 5	
Immunogen Catalog Number: AG11524	Calculated MW: 708 aa, 82 kDa	
	Observed MW: 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.

Storage Buffer:
PBS only, pH7.3

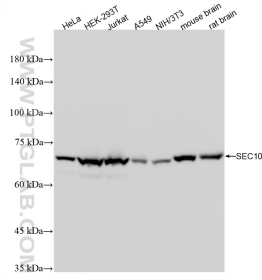
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

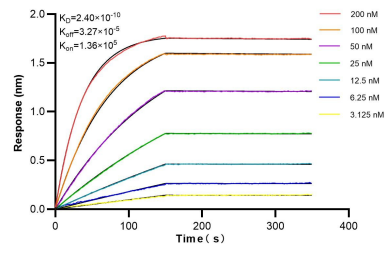
E: proteintech@ptglab.com
W: ptglab.com

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

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.