

For Research Use Only

SEC10/EXOC5 Recombinant monoclonal antibody

Catalog Number:87198-1-RR



Basic Information

Catalog Number: 87198-1-RR	GenBank Accession Number: BC041126	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10640	CloneNo.: 252196E11
Source: Rabbit	UNIPROT ID: O00471	Recommended Dilutions: WB: 1:5000-1:50000
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, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HeLa cells, HEK-293T cells, Jurkat cells, A549 cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

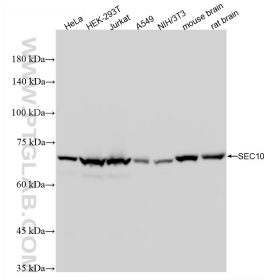
For technical support and original validation data for this product please contact:

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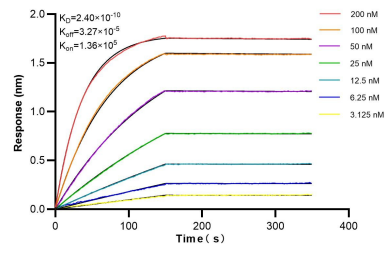
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Selected Validation Data



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.



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