

For Research Use Only

RAB25 Recombinant monoclonal antibody

Catalog Number: 87453-1-RR



Basic Information

Catalog Number: 87453-1-RR	GenBank Accession Number: NM_020387.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 57111	CloneNo.: 252713E9
Isotype: IgG	UNIPROT ID: P57735	Recommended Dilutions: WB: 1:5000-1:50000
Immunogen Catalog Number: EG5536	Full Name: RAB25, member RAS oncogene family	
	Calculated MW: 23 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HT-29 cells, Caco-2 cells, T-47D cells
Species Specificity: human	

Background Information

RAB25 (RAB25, member RAS oncogene family), also known as RAB11C or CATX-8, is a small GTPase belonging to the RAS superfamily of proteins. RAB25 is a key regulator of receptor recycling and polarized vesicular trafficking in epithelial cells. Unlike many RAB proteins, RAB25 expression is predominantly restricted to epithelial tissues and is frequently dysregulated in carcinomas. It functions as a critical determinant of cellular fate through its context-dependent roles in modulating major signaling pathways, including integrin recycling, growth factor receptor trafficking (e.g., EGFR, IGF1R), and autophagy.

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

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

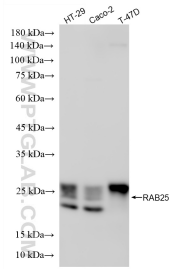
T: 4006900926

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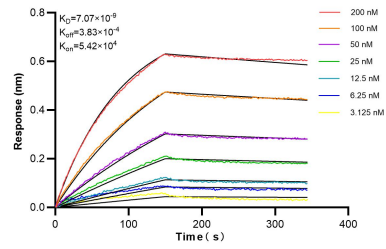
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Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 87453-1-RR (RAB25 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87453-1-RR against Human RAB25 were performed. The affinity constant is 7.07 nM.