

For Research Use Only

# PARD6B Recombinant monoclonal antibody

Catalog Number: 86786-1-RR



## Basic Information

<b>Catalog Number:</b> 86786-1-RR	<b>GenBank Accession Number:</b> BC060847	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84612	<b>CloneNo.:</b> 251629D4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9BYG5	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> par-6 partitioning defective 6 homolog beta (C. elegans)	
<b>Immunogen Catalog Number:</b> AG5083	<b>Calculated MW:</b> 41 kDa	
	<b>Observed MW:</b> 52 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HeLa cells, PC-12 cells, Jurkat cells, HEK-293 cells, T-47D cells, Caki-1 cells, RAW 264.7 cells

## Background Information

PARD6B (also named PAR6B) is a member of the PAR6 family. PAR6B is known to play a key role in mammary epithelial cell biology. Several studies have been reported which indicate deregulated PAR6B signaling contributes to malignant epithelial cell phenotypes due predominantly to disrupted polymerization and maintenance of tight junctions (PMID: 22957302). The approximately 4.8-kb long PAR6B mRNA was predominantly detected in both adult and fetal kidneys, while much weaker but significant signals were observed in the placenta, lung, and liver (PMID: 11260256). This antibody detects PAR6B with an apparent molecular weight of 50-53 kDa as has been demonstrated by several researches (PMID: 22496418; 25662318).

## 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

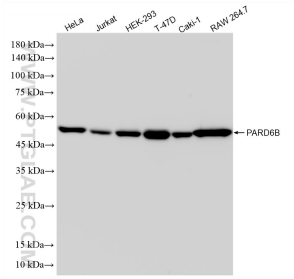
For technical support and original validation data for this product please contact:

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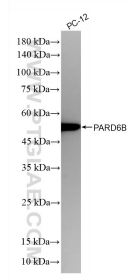
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86786-1-RR (PARD6B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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