

For Research Use Only

# SPOCK1 Recombinant antibody, PBS Only

Catalog Number: 84977-1-PBS



## Basic Information

<b>Catalog Number:</b> 84977-1-PBS	<b>GenBank Accession Number:</b> BC030691	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6695	<b>CloneNo.:</b> 242196E10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q08629	
<b>Isotype:</b> IgG	<b>Full Name:</b> sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican)	
<b>Immunogen Catalog Number:</b> AG28204	<b>1</b>	
	<b>Calculated MW:</b> 439 aa, 49 kDa	
	<b>Observed MW:</b> 49 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

SPOCK1, also known as TICN1. It is predicted to be located in the extracellular matrix. The protein may play a role in cell-cell and cell-matrix interactions and may contribute to various neuronal mechanisms in the central nervous system. The molecular weight of SPOCK1 is 49 kDa.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

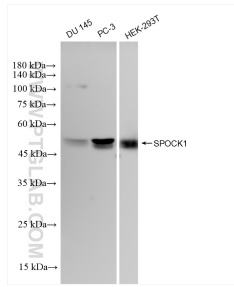
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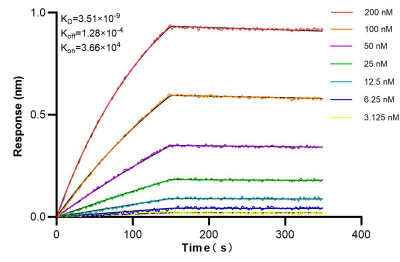
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84977-1-RR (SPOCK1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84977-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84977-1-RR against Human SPOCK1 were performed. The affinity constant is 3.51 nM.