

For Research Use Only

# Phospho-VASP (Ser157) Recombinant monoclonal antibody, PBS Only

Catalog Number:87168-2-PBS



## Basic Information

<b>Catalog Number:</b> 87168-2-PBS	<b>GenBank Accession Number:</b> BC038224	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7408	<b>CloneNo.:</b> 252276B10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P50552	
<b>Isotype:</b> IgG	<b>Full Name:</b> vasodilator-stimulated phosphoprotein	
	<b>Calculated MW:</b> 380 aa, 40 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

VASP belongs to the Ena/VASP family. Phospho-VASP (Ser157) is an important post-translational modification of the vasodilator-stimulated phosphoprotein (VASP). Phosphorylation at Serine 157 (Ser157) is catalyzed by protein kinase C (PKC) and Rho kinase in response to thrombin or phorbol ester stimulation in human platelets. This modification negatively regulates platelet adhesion and secretion, and serves as a key signaling event in modulating cytoskeletal dynamics and cell motility. (PMID: 16197368)

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

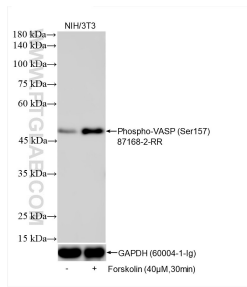
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Non-treated NIH/3T3 cells and Forskolin treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 87168-2-RR (Phospho-VASP(Ser157) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 87168-2-PBS in a different storage buffer formulation.