

For Research Use Only

# Phospho-Filamin A (Ser2152) Recombinant monoclonal antibody, PBS Only



Catalog Number: 87513-1-PBS

## Basic Information

<b>Catalog Number:</b> 87513-1-PBS	<b>GenBank Accession Number:</b> NM_001110556	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2316	<b>CloneNo.:</b> 252855H7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P21333	
<b>Isotype:</b> IgG	<b>Full Name:</b> filamin A, alpha (actin binding protein 280)	
	<b>Calculated MW:</b> 2647 aa, 280 kDa	
	<b>Observed MW:</b> 280 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

FLNA encodes a 280 kDa widely expressed actin binding protein called filamin A which can crosslinks actin filaments and links actin filaments to membrane glycoproteins to form a three-dimensional network. Phospho-Filamin A (Ser2152) is a phosphorylated form of Filamin A (FLNA), which is a large actin-binding protein that plays a crucial role in organizing the cytoskeleton and transducing signals from cell membrane to the cytoskeleton. This phosphorylation event is associated with various cellular functions, including cytoskeletal remodeling, cell migration, and focal adhesion formation. (PMID:29931263)

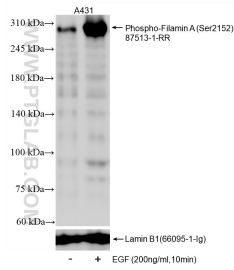
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
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## Selected Validation Data



Non-treated A431 cells and EGF treated A431 cells were subjected to SDS PAGE followed by western blot with 87513-1-RR (Phospho-Filamin A (Ser2152) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Lamin B1 (66095-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 87513-1-PBS in a different storage buffer formulation.