

For Research Use Only

# Annexin A1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87316-3-PBS



## Basic Information

<b>Catalog Number:</b> 87316-3-PBS	<b>GenBank Accession Number:</b> NM_000700.3	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 301	<b>CloneNo.:</b> 251332C6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04083	
<b>Isotype:</b> IgG	<b>Full Name:</b> annexin A1	
<b>Immunogen Catalog Number:</b> EG4503	<b>Calculated MW:</b> 39kDa	
	<b>Observed MW:</b> 35-39 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Annexin A1 (ANXA1), also named as ANX1, LPC1 and p35, belongs to the annexin family. It is a member of the annexin family of Ca<sup>2+</sup>-binding and phospholipidbinding proteins, and it is particularly abundant in various populations of peripheral blood leukocytes. ANXA1 regulates phospholipase A2 activity. It seems to bind from two to four calcium ions with high affinity. ANXA1 is a pleiotropic protein produced by many cell types including peripheral blood leucocytes.

## Storage

**Storage:**  
Store at -80°C.

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

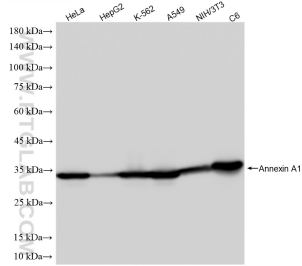
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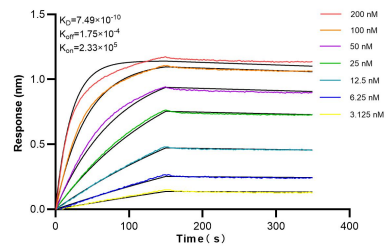
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87316-3-RR (Annexin A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87316-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87316-3-RR against Human Annexin A1 were performed. The affinity constant is 0.749 nM.