

For Research Use Only

# Annexin A4 Monoclonal antibody, PBS Only



Catalog Number: 60288-2-PBS

## Basic Information

<b>Catalog Number:</b> 60288-2-PBS	<b>GenBank Accession Number:</b> BC000182	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 307	<b>CloneNo.:</b> 1A10B5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P09525	
<b>Isotype:</b> IgG2c	<b>Full Name:</b> annexin A4	
<b>Immunogen Catalog Number:</b> AG0130	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 32 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Annexin A4 (Anxa4) is one of the Ca<sup>2+</sup>-regulated and phospholipid-binding annexin superfamily proteins, and is located at 2p13. Anxa4 has a potential role in diagnosis, prognosis, and treatment of certain cancers. Annexin A4 shares 45 to 59% identity with other members and possibly interacts with ATP. Annexin A4 has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. The Annexin A4 protein is expressed in a wide range of tissues, associated with polarized epithelial cells and is proposed to be involved in the regulation of chloride ions across the epithelial membrane.

## Storage

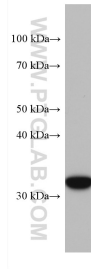
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

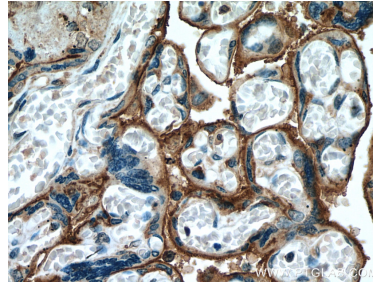
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

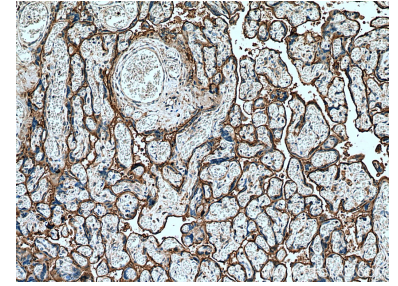
## Selected Validation Data



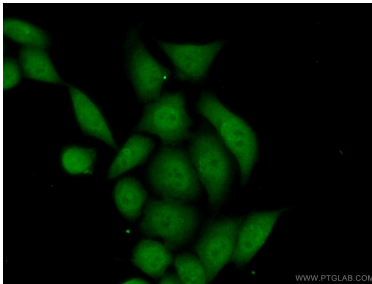
COLO 320 cells were subjected to SDS PAGE followed by western blot with 60288-2-Ig (Annexin IV antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60288-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60288-2-Ig (Annexin IV antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60288-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 60288-2-Ig (Annexin IV antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60288-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (10% Formaldehyde ) fixed HeLa cells using 60288-2-Ig(Annexin IV antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60288-2-PBS in a different storage buffer formulation.