

# Annexin A11 Monoclonal antibody

 Catalog Number: **68089-1-Ig** **1 Publications**

## Basic Information

<b>Catalog Number:</b> 68089-1-Ig	<b>GenBank Accession Number:</b> BC007564	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 311	<b>CloneNo.:</b> 1A3C4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P50995	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Full Name:</b> annexin A11	
<b>Immunogen Catalog Number:</b> AG31839	<b>Calculated MW:</b> 56 kDa	

## Applications

<b>Tested Applications:</b> FC, IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> A431 cells, A549 cells, HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, pig heart tissue, rabbit heart
<b>Species Specificity:</b> Human, mouse, rat, rabbit, pig	<b>IHC :</b> human lung cancer tissue, human ovary tumor tissue
<b>Cited Species:</b> mouse	<b>IF :</b> HeLa cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Annexin A11 (Anxa11) is one member of annexins that are Ca<sup>2+</sup>-regulated phospholipid-binding proteins. Annexin A11 plays an important role in cell division, differentiation, apoptosis, vesicle trafficking and Ca<sup>2+</sup> signaling. Annexin A11 dysregulation is involved in the progression, drug-resistance, recurrence of systemic autoimmune disease and cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sara Emad El-Agamy	37739344	Mol Cell Proteomics	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
 Aliquoting is unnecessary for -20°C storage

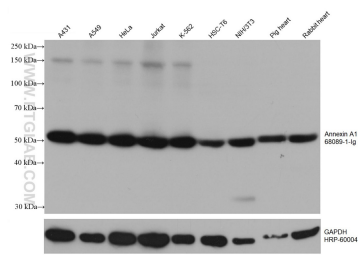
For technical support and original validation data for this product please contact:

T: 4006900926

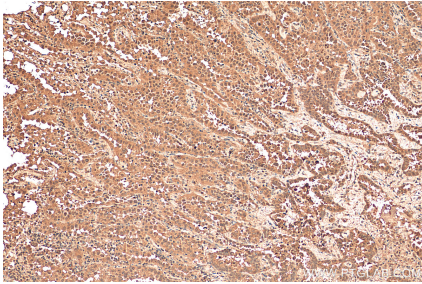
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

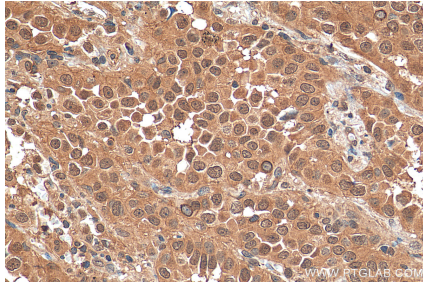
Selected Validation Data



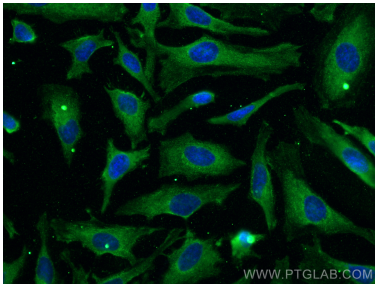
Various lysates were subjected to SDS PAGE followed by western blot with 68089-1-Ig (Annexin A11 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



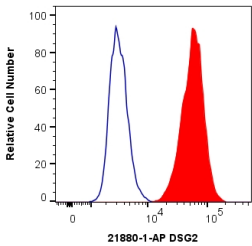
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68089-1-Ig (Annexin A11 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



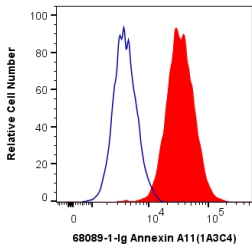
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 68089-1-Ig (Annexin A11 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Annexin A11 antibody (68089-1-Ig, Clone: 1A3C4) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> HEK-293T cells were intracellularly stained with 0.4 ug Anti-Human Annexin A11 (68089-1-Ig, Clone:1A3C4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Anti-Human Annexin A11 (68089-1-Ig, Clone:1A3C4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).