

For Research Use Only

# Annexin A10 Monoclonal antibody

Catalog Number: 66869-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66869-1-Ig	<b>GenBank Accession Number:</b> BC007320	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1800 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 11199	<b>CloneNo.:</b> 1A7A11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9UJ72	<b>Recommended Dilutions:</b> WB 1:1000-1:3000 IHC 1:400-1:1600 IF-P 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> annexin A10	
<b>Immunogen Catalog Number:</b> AG27098	<b>Calculated MW:</b> 37 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF-P, ELISA	<b>Positive Controls:</b> WB : pig stomach tissue, HT-29 cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human stomach tissue, mouse pancreas tissue, human colon tissue, human colon cancer tissue, human pancreas cancer tissue
<b>Species Specificity:</b> Human, pig, mouse	<b>IF-P :</b> human colon cancer tissue,
<b>Cited Species:</b> human	
<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

ANXA10, member of the Annexin family, is a calcium-and-phospholipid-binding protein. It is implicated in multiple physiological processes, including growth regulation, cell division, apoptosis, and differentiation. ANXA10 was recently observed to be upregulated in Barrett's esophagus, oral cancers, pancreatic cancer and colon cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Wen-Jian Liu	39841389	Discov Oncol	WB

## Storage

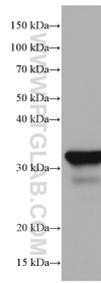
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

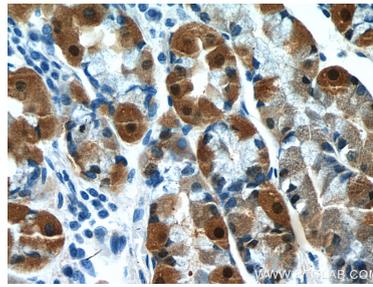
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

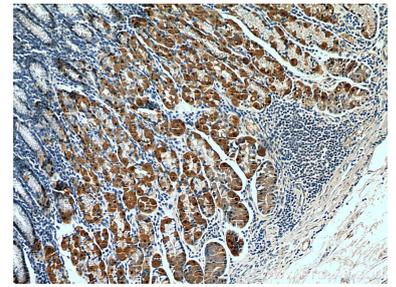
## Selected Validation Data



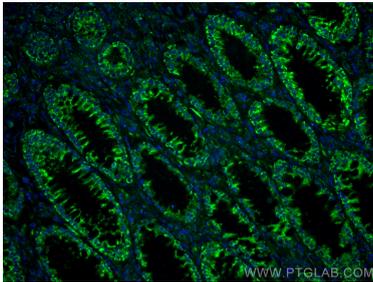
pig stomach tissue were subjected to SDS PAGE followed by western blot with 66869-1-Ig (Annexin A10 antibody) at dilution of 1:2100 incubated at room temperature for 1.5 hours.



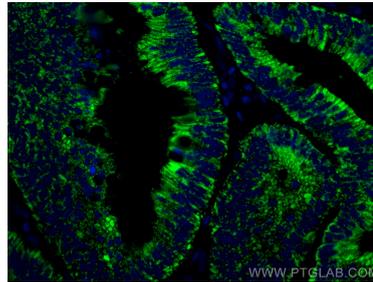
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 66869-1-Ig (Annexin A10 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 66869-1-Ig (Annexin A10 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Annexin A10 antibody (66869-1-Ig, Clone: 1A7A11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Annexin A10 antibody (66869-1-Ig, Clone: 1A7A11) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).