

For Research Use Only

Annexin A11 Monoclonal antibody

Catalog Number: 68089-1-Ig **2 Publications**



Basic Information

Catalog Number: 68089-1-Ig	GenBank Accession Number: BC007564	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 311	CloneNo.: 1A3C4
Source: Mouse	UNIPROT ID: P50995	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG1	Full Name: annexin A11	
Immunogen Catalog Number: AG31839	Calculated MW: 56 kDa	
	Observed MW: 56 kDa	

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls: WB : A431 cells, A549 cells, HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, pig heart tissue, rabbit heart
Cited Applications: WB, IHC	IHC : human lung cancer tissue, human ovary tumor tissue
Species Specificity: Human, mouse, rat, rabbit, pig	IF : HeLa cells,
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Annexin A11 (Anxa11) is one member of annexins that are Ca²⁺-regulated phospholipid-binding proteins. Annexin A11 plays an important role in cell division, differentiation, apoptosis, vesicle trafficking and Ca²⁺ 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
John L. Robinson	38896345	Acta Neuropathol	WB,IHC
Sara Emad El-Agamy	37739344	Mol Cell Proteomics	WB

Storage

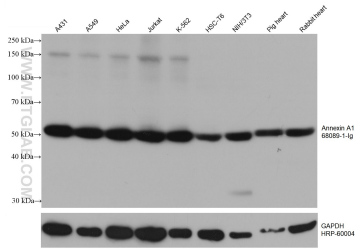
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

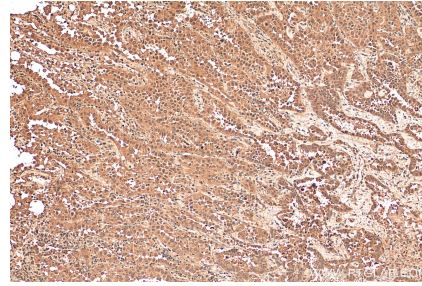
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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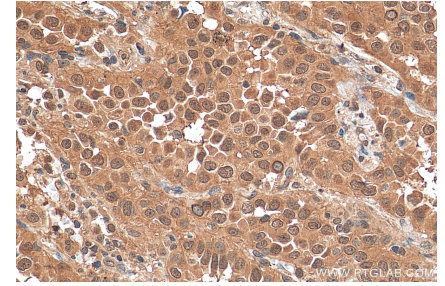
Selected Validation Data



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 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).