## For Research Use Only

## Annexin A2 Monoclonal antibody

Catalog Number:60051-1-lg Featured Product 11 Publications

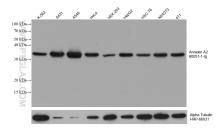
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60051-1-lg Size: 150ul, Concentration: 1300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard; Source: Mouse	dENSEMBL Gene ID: ENSG00000182718		Protein A purifica CloneNo.: 3H1B11		
Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard; Source: Mouse	302 dENSEMBL Gene ID: ENSG00000182718		-		
method using BSA as the standard; Source: Mouse	ENSG0000182718				
Source: Mouse			Recommended Dilutions: WB: 1:5000-1:20000		
Mouse					
	UNIPROT ID:		IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate		
	P07355		IHC: 1:50-1:500		
Isotype: IgG2b Immunogen Catalog Number: AG1777	Full Name: annexin A2 Calculated MW: 339 aa, 39 kDa		IF/ICC: 1:250-1:1000		
			Observed MW: 35-38 kDa		
	Tested Applications:		Positive Con	ontrols:	
		WB : K-562 cells, HEK-293 cells, THP-1 cells, A431 c A549 cells, HeLa cells, HepG2 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells			
Cited Applications: WB, IF, IP, CoIP				ls, HSC-T6 cells,	
Species Specificity:	IP : HeLa cells,				
	IHC : human breast cancer tissue, human lung cancer				
			issue, human skin cancer tissue, human gliomas issue		
TE buffer pH 9.0; (*) Alternativ	IF/ICC : T-47D cells, HeLa cells, MCF-7 cells				
transformed cell lines and human tun calcium is greatly enhanced by anion	nors. This calcium-reg ic phospholipids, ma	gulated membra y cross-link plas	ne-binding protein, ma membrane phos	whose affinity for pholipids with actin	
Author Pubr	med ID Jour	al		Application	
Xiao Li 317	57778 EBio	oMedicine		IP	
Xiaowei Wang 2704	45038 Infe	ect Immun			
Yuichi Mazaki 3967	75170 Bioc	Biochem Biophys Res Commun		WB	
Storage Buffer: PBS with 0.02% sodium azide and 50	% glycerol, pH7.3				
	AG1777 Tested Applications: WB, IHC, IF/ICC, IP, ELISA Cited Applications: WB, IF, IP, CoIP Species Specificity: human, mouse, rat Cited Species: human, mouse Note-IHC: suggested antigen ra TE buffer pH 9.0; (*) Alternative retrieval may be performed we buffer pH 6.0 Annexin A2 (ANXA2), also named Anra transformed cell lines and human tun calcium is greatly enhanced by anion and the cytoskeleton and be involved Author Publo Kiao Li 3172 Kiaowei Wang 2700 Yuichi Mazaki 3967 Storage: Storage Buffer: PBS with 0.02% sodium azide and 507	AG1777 339 aa, 39 kDa Observed MW: 35-38 kDa Tested Applications: WB, IHC, IF/ICC, IP, ELISA Cited Applications: WB, IF, IP, CoIP Species Specificity: human, mouse, rat Cited Species: human, mouse, rat 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 Annexin A2 (ANXA2), also named Annexin-2 or Lipocortin I transformed cell lines and human tumors. This calcium-reg calcium is greatly enhanced by anionic phospholipids, ma and the cytoskeleton and be involved with exocytosis. Hea Author Pubmed ID Journ Kiao Li 31757778 EBiol Kiaowei Wang 27045038 Infect Yuichi Mazaki 39675170 Bioch	AG1777 339 aa, 39 kDa   Observed MW: 35-38 kDa   Tested Applications: Positive Con   WB, IHC, IF/ICC, IP, ELISA WB: K-562 ce   Cited Applications: A549 cells, H   WB, IF, IP, CoIP NIH/3T3 cell   Species Specificity: IP: HeLa cell   numan, mouse, rat IHC : human   Cited Species: IHC : human   numan, mouse Issue   Note-IHC: suggested antigen retrieval with IF/ICC : T-47   TE buffer pH 9.0; (*) Alternatively, antigen IF/ICC : T-47   retrieval may be performed with citrate IF/ICC : T-47   Annexin A2 (ANXA2), also named Annexin-2 or Lipocortin II, is a Ca2+ bind retriansformed cell lines and human tumors. This calcium-regulated membra   calcium is greatly enhanced by anionic phospholipids, may cross-link plas and the cytoskeleton and be involved with exocytosis. Heat-stress respons   Author Pubmed ID Journal   Kiao Li 31757778 EBioMedicine   Kiaoui 39675170 Biochem Biophys Res   Storage: Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3	AG1777 339 aa, 39 kDa   Observed MW: 35-38 kDa   Tested Applications: Positive Controls:   WB, HC, IF/ICC, IP, EUSA WB: K-562 cells, HEK-293 cells, T   Cited Applications: WB: K-562 cells, HEK-293 cells, T   MB, IF, IP, ColP NIH/313 cells, 411 cells   Species Specificity: IP: HeLa cells,   human, mouse, rat IHC : human breast cancer tissue,   Cited Species: tissue, human skin cancer tissue,   human, mouse tissue   Note-IHC: suggested antigen retrieval with IF/ICC : T-47D cells, HeLa cells, N   Testifter pH 9.0; (*) Alternatively, antigen IF/ICC : T-47D cells, HeLa cells, N   warnsformed cell lines and human tumors. This calcium-regulated membrane-binding protein, IF/ICC : T-47D cells, HeLa cells, N   Author Pubmed ID Journal   Kiao Li 31757778 EBioMedicine   Kiao Li 31757778 EBioMedicine   Kiao Li 39675170 Biochem Biophys Res Commun   Storage: Storage: Storage   Storage: Storage Buffer. PBS with 0.02% sodium azide and 50% glycerol, pH7.3	

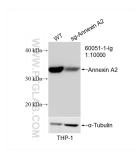
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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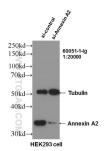
## Selected Validation Data



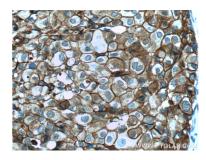
Various lysates were subjected to SDS PAGE followed by western blot with 60051-1-lg (Annexin A2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



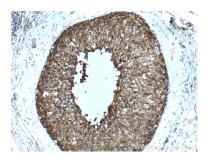
WB result of Annexin A2 antibody (60051-1-1g; 1:10000; room temperature for 1.5 hours) with wildtype and sg-Annexin A2 transfected THP-1 cells.



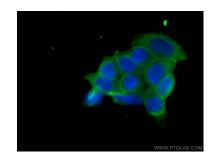
WB result of Annexin A2 antibody (60051-1-1g, 1:20,000) with si-Control and si-Annexin A2 transfected HEK293 cells.



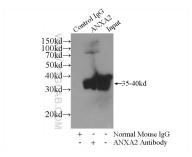
Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 60051-1-1g (Annexin A2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



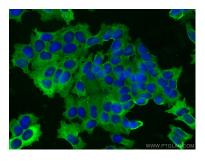
Immunohistochemical analysis of paraffinembedded human breast cancer tissue slide using 60051-1-1g (Annexin A2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed T-47D cells using 60051-1-1g (Annexin A2 antibody), at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



IP result of anti-Annexin A2 (IP:60051-1-Ig, 4ug; Detection:60051-1-Ig 1:1500) with HeLa cells lysate 2400ug.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Annexin A2 antibody (60051-1-lg, Clone: 3H1B11) at dilution of 1:800 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).