

For Research Use Only

Annexin A4 Monoclonal antibody

Catalog Number: 60288-2-Ig



Basic Information

Catalog Number: 60288-2-Ig	GenBank Accession Number: BC000182	Purification Method: Protein A purification
Size: 150ul , Concentration: 3500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 307	CloneNo.: 1A10B5
Source: Mouse	Full Name: annexin A4	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:200-1:800 IF 1:50-1:500
Isotype: IgG2c	Calculated MW: 36 kDa	
Immunogen Catalog Number: AG0130	Observed MW: 32 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB : COLO 320 cells, human placenta tissue, A549 cells, human heart tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human placenta tissue,
	IF : HeLa cells,

Background Information

Annexin A4 (Anxa4) is one of the Ca²⁺-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

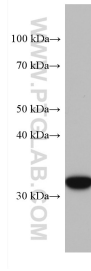
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

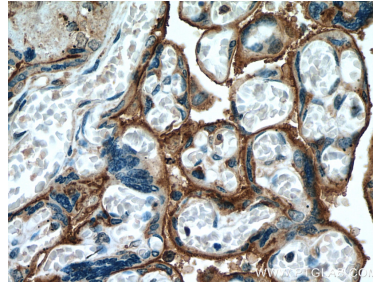
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

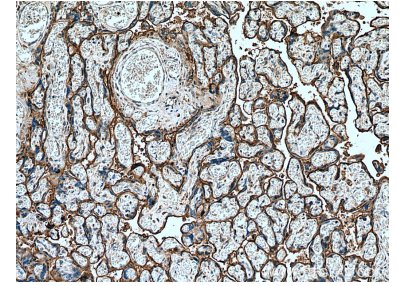
Selected Validation Data



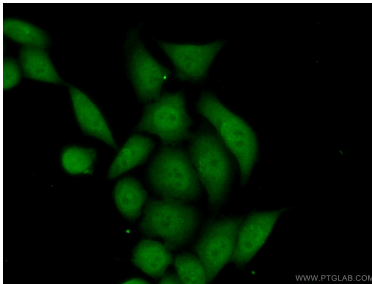
COLO 320 cells were subjected to SDS PAGE followed by western blot with 60288-2-Ig (Annexin IV antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).



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).



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).