

For Research Use Only

ANXA5 Recombinant antibody, PBS Only

Catalog Number:83929-2-PBS



Basic Information

Catalog Number: 83929-2-PBS	GenBank Accession Number: BC001429	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 308	CloneNo.: 240621B10
Source: Rabbit	UNIPROT ID: P08758	
Isotype: IgG	Full Name: annexin A5	
Immunogen Catalog Number: AG0741	Calculated MW: 36 kDa	
	Observed MW: 32-36 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), ELISA

Species Specificity:
human

Background Information

Annexin A5 (ANXA5), is a member of the structurally related family of annexin proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

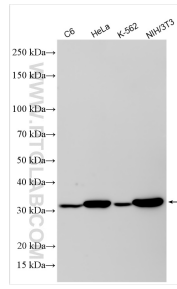
T: 4006900926

E: Proteintech-CN@ptglab.com

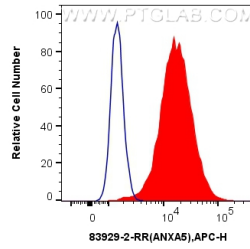
W: ptgcn.com

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

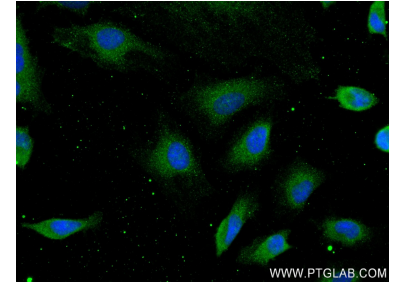
Selected Validation Data



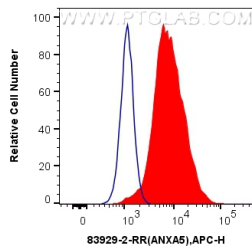
Various lysates were subjected to SDS PAGE followed by western blot with 83929-2-RR (ANXA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83929-2-PBS in a different storage buffer formulation.



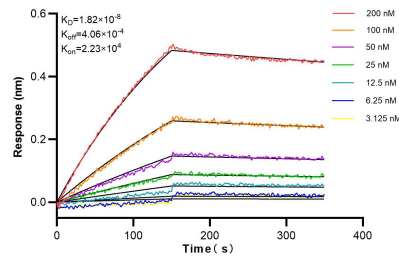
1×10^6 PC-3 cells were intracellularly stained with 0.25 ug Anxa5 Recombinant Antibody (83929-2-RR, Clone:240621B10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83929-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ANXA5 antibody (83929-2-RR, Clone: 240621B10) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83929-2-PBS in a different storage buffer formulation.



1×10^6 HeLa cells were intracellularly stained with 0.25 ug Anxa5 Recombinant Antibody (83929-2-RR, Clone:240621B10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83929-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83929-2-RR against Human ANXA5 were performed. The affinity constant is 18.2 nM.