

For Research Use Only

Annexin V Recombinant antibody

Catalog Number: 83929-2-RR



Basic Information

Catalog Number: 83929-2-RR	GenBank Accession Number: BC001429	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 308	CloneNo.: 240621B10
Source: Rabbit	UNIPROT ID: P08758	Recommended Dilutions: IHC 1:200-1:800 IF/ICC 1:50-1:500
Isotype: IgG	Full Name: annexin A5	
Immunogen Catalog Number: AG0741	Calculated MW: 36 kDa Observed MW: 32-36 kDa	

Applications

Tested Applications: IHC, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	IHC : human colon tissue, IF/ICC : HeLa cells,
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 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 -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

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

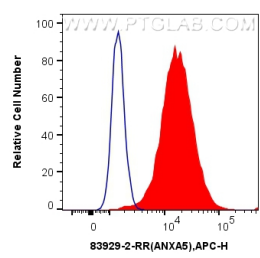
T: 4006900926

E: Proteintech-CN@ptglab.com

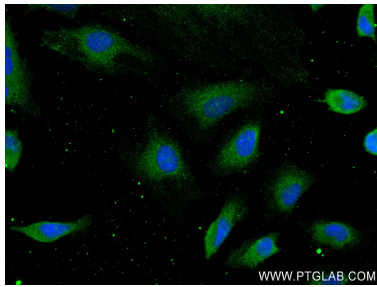
W: ptgcn.com

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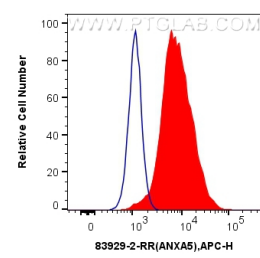
Selected Validation Data



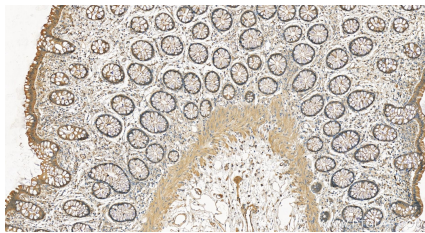
1x10⁶ PC-3 cells were intracellularly stained with 0.25 ug Anxa5 Recombinant Antibody (83929-2-RR, Clone:240621B10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



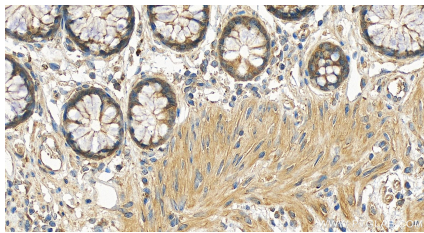
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ANXA5 antibody (83929-2-RR, Clone: 240621B10) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



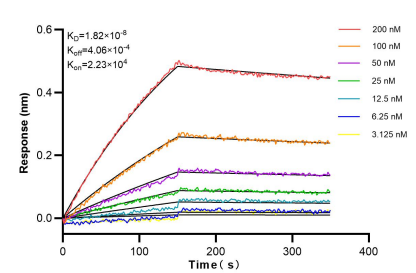
1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Anxa5 Recombinant Antibody (83929-2-RR, Clone:240621B10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 83929-2-RR (ANXA5 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 83929-2-RR (ANXA5 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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