

For Research Use Only



CoraLite® Plus 647-conjugated Annexin V Monoclonal antibody

Catalog Number:CL647-66245

Basic Information

Catalog Number: CL647-66245	GenBank Accession Number: BC001429	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 308	CloneNo.: 1E6A8
Source: Mouse	UNIPROT ID: P08758	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: annexin A5	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG1538	Calculated MW: 36 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse	

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. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

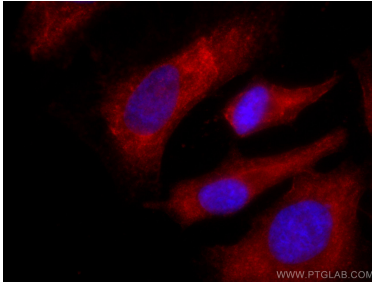
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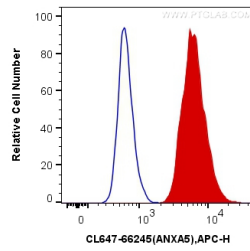
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 647 Annexin V antibody (CL647-66245, Clone: 1E6A8) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 647 Anti-Human Annexin V (CL647-66245, Clone:1E6A8) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).