

For Research Use Only

# CoraLite®594-conjugated Annexin V Monoclonal antibody



Catalog Number:CL594-66245

## Basic Information

Catalog Number:

CL594-66245

GenBank Accession Number:

BC001429

Purification Method:

Protein G purification

Size:

100ul , Concentration: 1000 µg/ml by 308

GeneID (NCBI):

annexin A5

CloneNo.:

1E6A8

Bradford method using BSA as the standard;

Full Name:

annexin A5

Recommended Dilutions:

IF 1:50-1:500

Source:

Mouse

Calculated MW:

36 kDa

Excitation/Emission maxima wavelengths:

593 nm/614 nm

Isotype:

IgG1

Immunogen Catalog Number:

AG1538

## Applications

Tested Applications:

FC (Intra), IF

Positive Controls:

IF : HeLa cells,

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. This antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

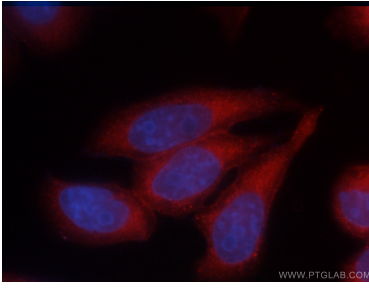
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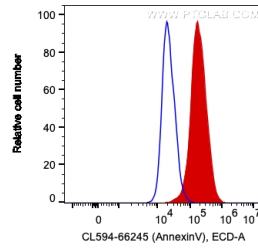
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66245 (Annexin V antibody) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human Annexin V (CL594-66245, Clone:1E6A8) (red), or 0.2 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer.