

For Research Use Only

# CoraLite®594-conjugated Annexin V Monoclonal ANTIBODY



Catalog Number: **CL594-66245**

## Basic Information

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|--|--|---|
| <b>Catalog Number:</b><br>CL594-66245  | <b>GenBank Accession Number:</b><br>BC001429 | <b>Purification Method:</b><br>Protein G purification               |
| <b>Size:</b><br>100UL, Concentration: 1000 µg/ml by 308<br>Bradford method using BSA as the<br>standard; | <b>GeneID (NCBI):</b><br>annexin A5          | <b>CloneNo.:</b><br>1E6A8   |
| <b>Source:</b><br>Mouse  | <b>Full Name:</b><br>annexin A5              | <b>Recommended Dilutions:</b><br>IF 1:50-1:500                      |
| <b>Isotype:</b><br>IgG1  | <b>Calculated MW:</b><br>36 kDa              | <b>Excitation/Emission maxima<br/>wavelengths:</b><br>593 nm/614 nm |
| <b>Immunogen Catalog Number:</b><br>AG1538   |  |   |

## Applications

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|--|---|
| <b>Tested Applications:</b><br>IF, ELISA | <b>Positive Controls:</b><br>IF : HeLa cells, |
| <b>Species Specificity:</b><br>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.

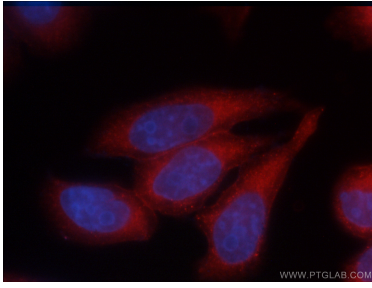
## Storage

**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**

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](mailto:proteintech@ptglab.com)  
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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.