

For Research Use Only

# CoraLite®594-conjugated Annexin A2 Polyclonal antibody



Catalog Number: CL594-11256

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-11256	<b>GenBank Accession Number:</b> BC016774	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 302	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> annexin A2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 339 aa, 39 kDa	
<b>Immunogen Catalog Number:</b> AG1777	<b>Observed MW:</b> 35-40 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

Annexin A2 (ANXA2), also named Annexin-2 or Lipocortin II, is a Ca<sup>2+</sup> binding protein that is up-regulated in virally transformed cell lines and human tumors. This calcium-regulated membrane-binding protein, whose affinity for calcium is greatly enhanced by anionic phospholipids, may cross-link plasma membrane phospholipids with actin and the cytoskeleton and be involved with exocytosis. Heat-stress response may also involve Annexin-2.

## 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.

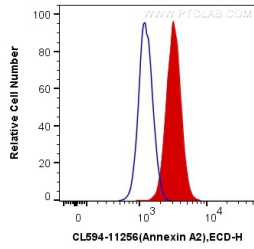
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human Annexin A2 (CL594-11256) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).