

## Annexin A1 Antibody (F49712)

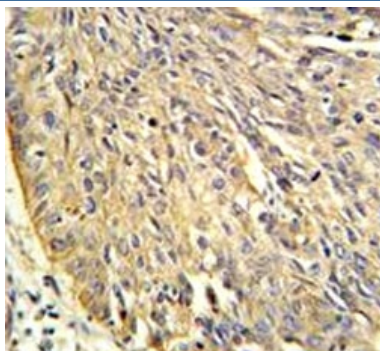
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F49712-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F49712-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

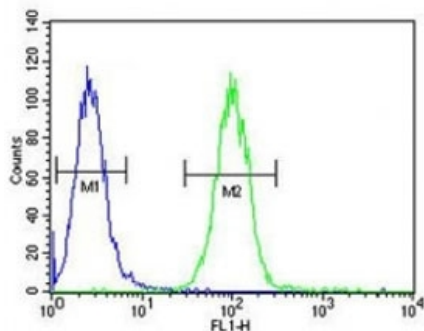
|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                  |
| <b>Species Reactivity</b> | Human                                                                              |
| <b>Format</b>             | Purified                                                                           |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                         |
| <b>Isotype</b>            | Rabbit Ig                                                                          |
| <b>Purity</b>             | Purified                                                                           |
| <b>UniProt</b>            | P04083                                                                             |
| <b>Applications</b>       | Western blot : 1:1000<br>IHC (Paraffin) : 1:50-1:100<br>Flow Cytometry : 1:10-1:50 |
| <b>Limitations</b>        | This Annexin A1 antibody is available for research use only.                       |

72  
55  
43  
34  
26

Western blot analysis of Annexin A1 antibody and A2058 lysate. Predicted molecular weight ~36 kDa.



Annexin A1 antibody IHC analysis in formalin fixed and paraffin embedded human lung carcinoma.



Annexin A1 antibody flow cytometric analysis of A2058 cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

## Description

Annexin I belongs to a family of  $\text{Ca}^{2+}$ -dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity.

## Application Notes

Titration of the Annexin A1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 129-158 from the human protein was used as the immunogen for this Annexin A1 antibody.

## Storage

Aliquot the Annexin A1 antibody and store frozen at  $-20^{\circ}\text{C}$  or colder. Avoid repeated freeze-thaw cycles.