

**Product Name: ANXA5 Mouse Monoclonal Antibody**  
**Catalog #: AMM81481**



## Summary

<b>Production Name</b>	ANXA5 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,FC,ELISA
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	ANXA5
<b>Alternative Names</b>	PP4; ANX5; ENX2; RPRGL3; HEL-S-7
<b>Gene ID</b>	308.0
<b>SwissProt ID</b>	P08758.Purified recombinant fragment of human ANXA5 (AA: 160-320) expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	36kDa

## Background

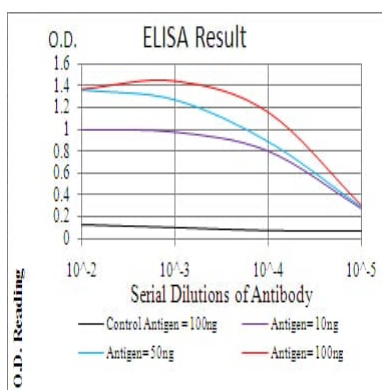
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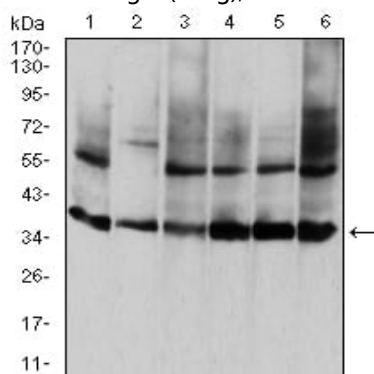
The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium 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. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa.

## Research Area

## Image Data

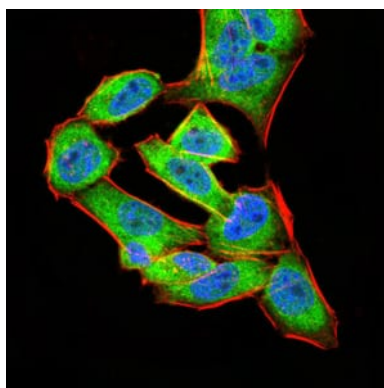


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

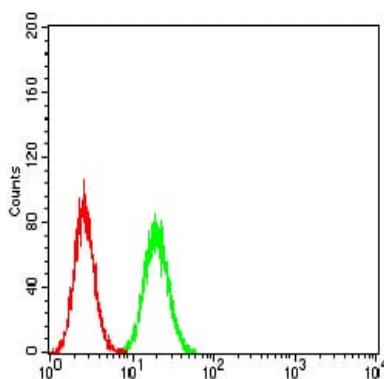


Western blot analysis using ANXA5 mouse mAb against HepG2 (1), PNAC-1 (2), NIH/3T3 (3), Hela (4), MCF-7 (5), and A431 (6) cell lysate.

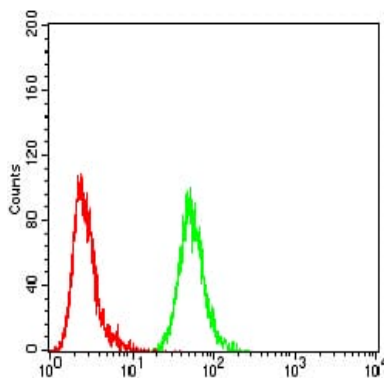
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Immunofluorescence analysis of HeLa cells using ANXA5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using ANXA5 mouse mAb (green) and negative control (red).



Flow cytometric analysis of MCF-7 cells using ANXA5 mouse mAb (green) and negative control (red).

## Note

For research use only.