



## Annexin A1 monoclonal antibody

Catalog: MB66692

Host: Mouse

Reactivity: Human, Mouse, Rat, Monkey

### BackGround:

The annexin superfamily consists of 13 calcium or calcium and phospholipid binding proteins with high biological and structural homology. Annexin-1 (ANXA1) is the first characterized member of the annexin family of proteins and is able to bind to cellular membranes in a calcium-dependent manner, promoting membrane fusion and endocytosis. Annexin A1 has anti-inflammatory properties and inhibits phospholipase A2 activity. Annexin A1 can accumulate on internalized vesicles after EGF-stimulated endocytosis and may be required for a late stage in inward vesiculation. Phosphorylation by PKC, EGFR, and Chak1 results in inhibition of annexin A1 function. Annexin A1 has also been identified as one of the 'eat-me' signals on apoptotic cells that are to be recognized and ingested by phagocytes. Annexin A1, as an endogenous anti-inflammatory mediator, has roles in many diverse cellular functions, such as membrane aggregation, inflammation, phagocytosis, proliferation, apoptosis, and tumorigenesis and cancer development.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

~ 38 kDa

### Swiss-Prot:

P04083

### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

### Applications:

WB (1/500 - 1/1000)

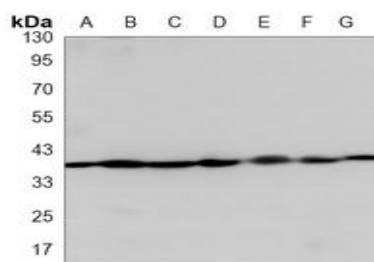
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes endogenous levels of Annexin A1 protein.

### DATA:



Western blot analysis of Annexin A1 expression in A549 (A), CHOK1 (B), COS7 (C), C2C12 (D), C6 (E), NIH3T3 (F), Hela (G) whole cell lysates.

### Note:

For research use only, not for use in diagnostic procedure.

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