

DATASHEET

Annexin A1 Mouse Monoclonal Antibody(C3592)

CAT. NO. AMA03204

KEY FEATURES

Target	Annexin A1	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Plays important roles in the innate immune response as effector of glucocorticoid-mediated responses and regulator of the inflammatory process. Has anti-inflammatory activity . Plays a role in glucocorticoid-mediated down-regulation of the early phase of the inflammatory response . Contributes to the adaptive immune response by enhancing signaling cascades that are triggered by T-cell activation, regulates differentiation and proliferation of activated T cells . Promotes the differentiation of T cells into Th1 cells and negatively regulates differentiation into Th2 cells . Has no effect on unstimulated T cells . Negatively regulates hormone exocytosis via activation of the formyl peptide receptors and reorganization of the actin cytoskeleton .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to Annexin A1
Specificity	Recognizes endogenous levels of Annexin A1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Annexin A1. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 38 kD; Observed: 39 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ANX1; LPC1; Annexin A1; Annexin I; Annexin-1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35
Gene Symbol	ANXA1
Entrez Gene	301(Human)
SwissProt	P04083(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

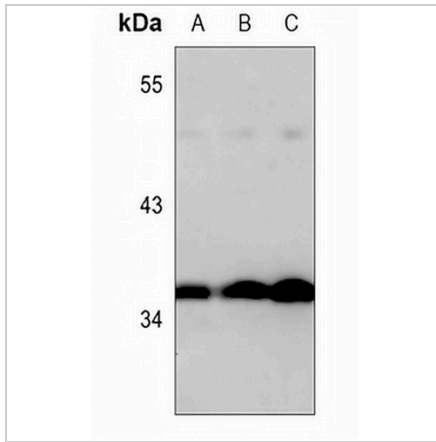
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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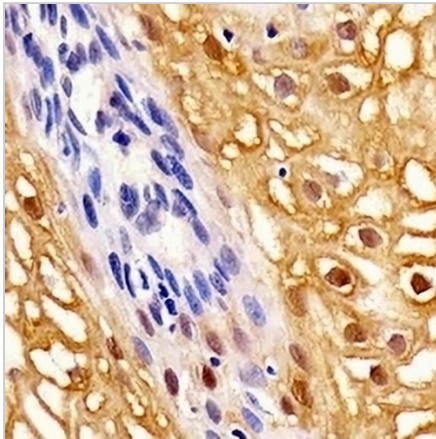
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Western blot analysis of Annexin A1 expression in HeLa (A), K562 (B), A431 (C) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 39 kD)



Immunohistochemical analysis of Annexin A1 staining in human esophagus formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.