

Mouse anti-Human Annexin A1 Monoclonal Antibody | anti-ANXA1 antibody

Annexin A1 Mouse mAb

CATALOG # AAA269147	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Annexin A1; Monoclonal Antibody; Annexin A1 Mouse mAb; ANXA1; ANX1; LPC1; Annexin I; Annexin-1; Calpactin II; Calpactin-2; Chromobindin-9; Lipocortin I; Phospholipase A2 inhibitory protein; p35; anti-ANXA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7G9-6B7-6G10
Purity/Purification	Affinity Chromatography
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Applicable Applications for anti-ANXA1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human Annexin A1
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Tonsil using Annexin A1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Esophagus using Annexin A1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA1 antibody	Plays important roles in the innate immune response as effector of glucocorticoid-mediated responses and regulator of the inflammatory process. Has anti-inflammatory activity (PubMed:8425544). Plays a role in glucocorticoid-mediated down-regulation of the early phase of the inflammatory response. Promotes resolution of inflammation and wound healing (PubMed:25664854). Functions at least in part by activating the formyl peptide receptors and downstream signaling cascades (PubMed:15187149, PubMed:25664854). Promotes chemotaxis of granulocytes and monocytes via activation of the formyl peptide receptors (PubMed:15187149). 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 (PubMed:17008549). Promotes the differentiation of T-cells into Th1 cells and negatively regulates differentiation into Th2 cells (PubMed:17008549). Has no effect on unstimulated T cells (PubMed:17008549). Promotes rearrangement of the actin cytoskeleton, cell polarization and cell migration (PubMed:15187149). Negatively regulates hormone exocytosis via activation of the formyl peptide receptors and reorganization of the actin cytoskeleton (PubMed:19625660). Has high affinity for Ca2+ and can bind up to eight Ca2+ ions. Displays Ca2+-dependent binding to phospholipid membranes (PubMed:2532504, PubMed:8557678). Plays a role in the formation of phagocytic cups and phagosomes. Plays a role in phagocytosis by mediating the Ca2+-dependent interaction between phagosomes and the actin cytoskeleton
Product Categories/Family for anti-ANXA1 antibody	Pathological Antibody; Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691.1
NCBI GenBank Nucleotide #	NM_000700.1
UniProt Accession #	P04083
Molecular Weight	38,714 Da
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	ANXA1
NCBI Official Synonym Symbols	ANX1; LPC1
NCBI Protein Information	annexin A1; p35; annexin-1; calpactin-2; calpactin II; lipocortin I; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein
UniProt Protein Name	Annexin A1
UniProt Gene Name	ANXA1
UniProt Synonym Gene Names	ANX1; LPC1
UniProt Entry Name	ANXA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/annexin-a1-antibody-clone-7g9-6b7-6g10-immunohistochemistry-elisa/269147>