www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Annexin A5 Antibody

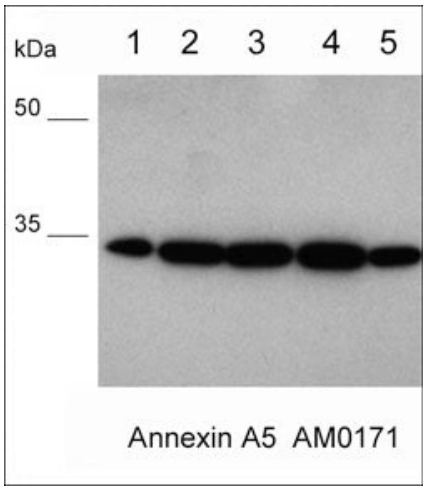
phosphosolutions ANTIBODIES THAT WORK

Product Details

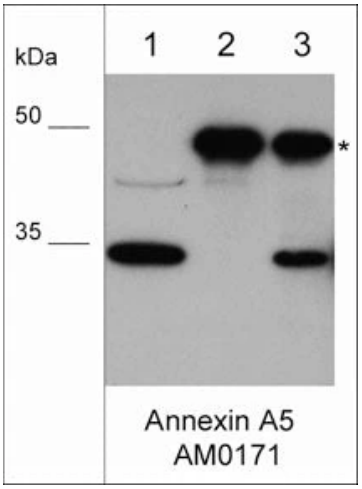
Available Variants	100 µL (SKU:AM0171)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M017
Gene Name	ANXA5
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, IP, WB
Dilution Ranges	WB: 1:1000 IP: 1:100
Species Reactivity	Human
Immunogen	Clone M017 was generated from a proprietary antigen related to human Annexin A5 in the MDA-MB-231 breast cancer cell line.
Specificity	Clone M017 detects a 35 kDa* protein corresponding to the molecular mass of Annexin A5 on SDS-PAGE immunoblots of human A431, MDA-MB-231, MeWo, and PC3 cells, as well as human skin, breast, lung, and brain. The antibody works for ELISA, western blot, and immunoprecipitation. In addition, mass spectrometry analysis of immunoprecipitates using AM0171 in human MDA-MB-231 cell lysates confirms this antibody only detects Annexin A5 protein.
Molecular Weight	35
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P08758 UniProt Summary: This protein is an anticoagulant protein that acts as an indirect inhibitor of the thromboplastin-specific complex, which is involved in the blood coagulation cascade.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	308

Product Images



Western blot of human PC3 cells (lane 1), human breast tissue (lane 2), lung tissue (lane 3), skin tissue (lane 4), and brain tissue (lane 5). The blot was probed with mouse monoclonal anti-Annexin A5 antibody (AM0171) at 1:500 (lanes 1-5).



Western blot of A431 cell lysate only (lane 1), AM0171 antibody only (lane 2), and AM0171 antibody immunoprecipitate from A431(lane 3). The blot was probed with mouse monoclonal anti-Annexin A5 antibody (AM0171) at 1:500 (lanes 1-3). The asterisk shows the antibody heavy chain in immunopreciptates at 50 kDa, while Annexin A5 band is observed at 35 kDa.

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