

Datasheet for ABIN6939603
anti-Annexin a1 antibody

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Annexin a1 (ANXA1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Annexin a1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full length human Annexin A1 protein
Clone:	ANXA1-1671
Isotype:	IgG2b kappa
Purification:	Purified by Protein A/G

Target Details

Target:	Annexin a1 (ANXA1)
Alternative Name:	ANXA1 (ANXA1 Products)
Background:	The ANXA1 gene belongs to the annexin family, and contains 4 annexin repeats. A pair of annexin repeats may form one binding site for calcium and a phospholipid. ANXA1 promotes membrane fusion and is involved in exocytosis. The gene for ANXA1 is upregulated in hairy cell leukemia (HCL), and its protein expression is specific for HCL. Detection of ANXA1 provides a

Target Details

simple, highly sensitive and specific assay for diagnosing HCL. Annexin A1 has also been found to be protective against DNA damage induced by heat in breast cancer cells, suggesting it is involved in tumor suppressive and protective activities, and also is associated with treatment resistance.

Molecular Weight: 35kDa

Gene ID: 301

UniProt: [P04083](#)

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Positive Control: A431 and K562 cell lysates, human esophagus, placenta and prostate tissues.
Known Application: Flow Cytometry (1-2 µg/million cells), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

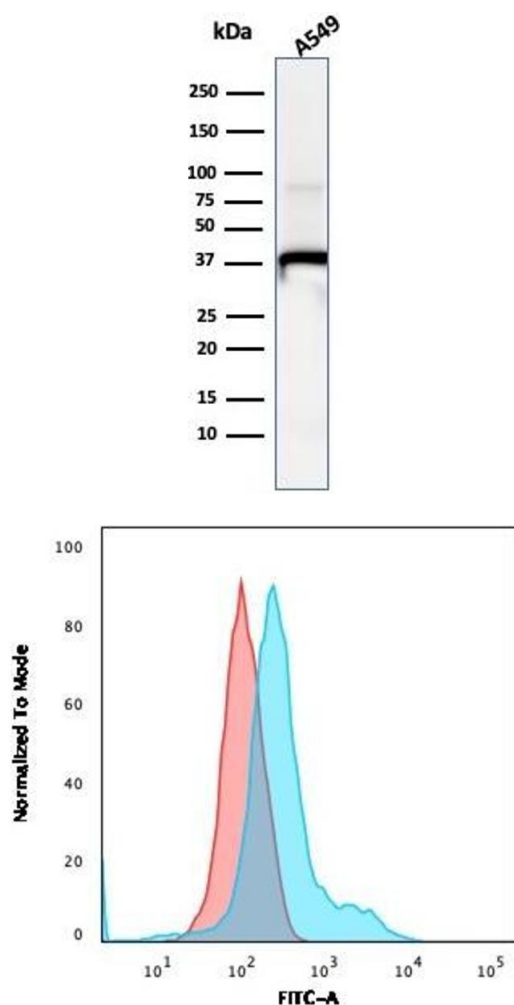
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months

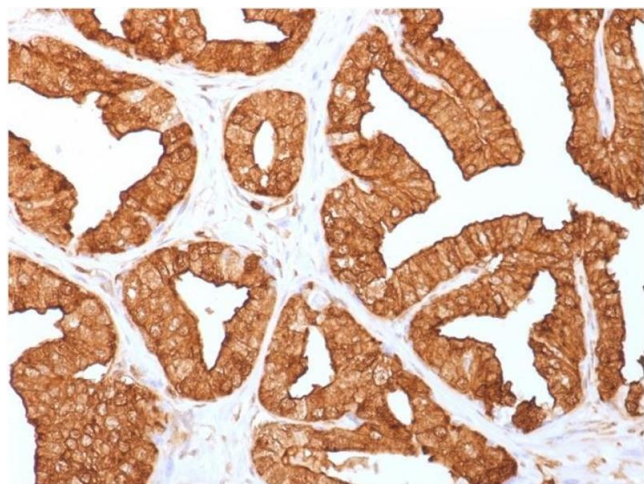


Western Blotting

Image 1. Western Blot Analysis of A549 cell lysate using Annexin A1 Mouse Monoclonal Antibody (ANXA1/1671).

Flow Cytometry

Image 2. Flow Cytometric Analysis of PFA-fixed HeLa cells. Annexin A1 Mouse Monoclonal Antibody (ANXA1/1671) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Prostate tissue stained with Annexin A1 Mouse Monoclonal Antibody (ANXA1/1671).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6939603.