
Product Name: KD-Validated Annexin A11 Mouse Monoclonal Antibody**Catalog #: KVA00671**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 54.4kDa

Antigen Information

Gene Name	ANXA11 ANXA11; Annexin A11; Annexin XI; ANX11; Calcyclin-Associated Annexin 50; 56 KDa
Alternative Names	Autoantigen; Annexin-11; CAP-50; Epididymis Secretory Sperm Binding Protein; IBMWMA; ALS23; CAP50
Gene ID	311.0
SwissProt ID	P50995
Immunogen	Recombinant protein of human ANXA11

Background

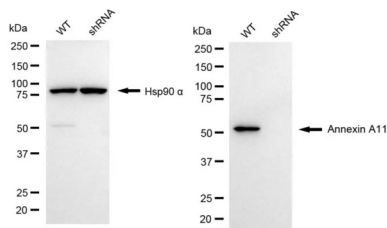
This gene encodes a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique N-terminal domains and conserved C-terminal domains, which contain calcium-dependent phospholipid-binding

sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Several transcript variants encoding two different isoforms have been identified. [provided by RefSeq, Dec 2015]

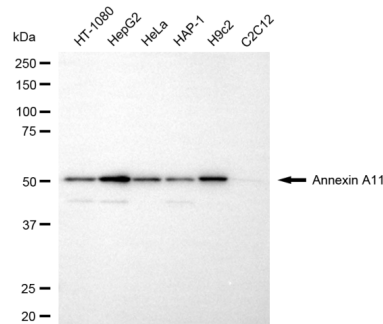
Research Area

Signal Transduction, Neuroscience

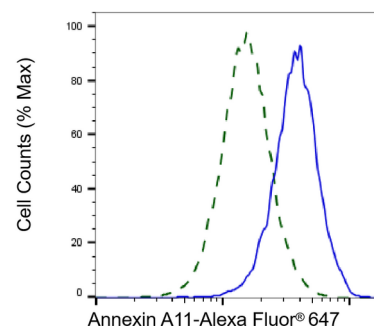
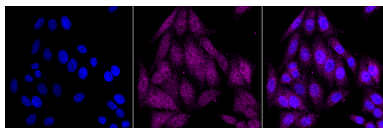
Image Data



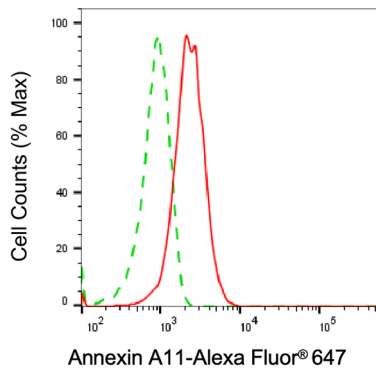
Western blotting analysis using annexin A11 antibody (KVA00671). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with annexin A11 antibody (KVA00671, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Annexin A11 antibody (KVA00671, 1:1,000). Nuclei were stained blue with DAPI; Annexin A11 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain: Low. Scale bar, 20 µm.



Validation of Annexin A11 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with Annexin A11 antibody (KVA00671, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of Annexin A11 expression in HepG2 cells using Annexin A11 antibody (KVA00671, 1:2,000). Green, isotype control; red, Annexin A11.