

Product Name: KD-Validated AVEN Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01206**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit 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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 38.5kDa

Antigen Information

Gene Name	AVEN
Alternative Names	AVEN; Apoptosis And Caspase Activation Inhibitor; Cell Death Regulator Aven; PDCD12; Programmed Cell Death 12; Apoptosis, Caspase Activation Inhibitor
Gene ID	57099.0
SwissProt ID	Q9NQS1
Immunogen	A synthesized peptide derived from human AVEN

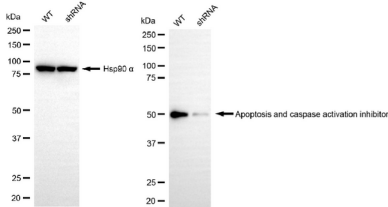
Background

Involved in negative regulation of apoptotic process. Located in membrane. [provided by Alliance of Genome Resources, Jul 2025]

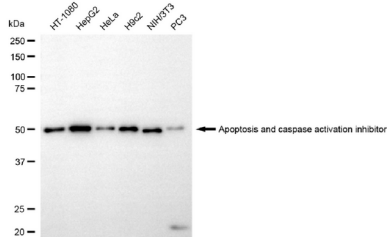
Research Area

Cell Biology, Cancer

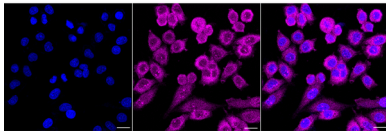
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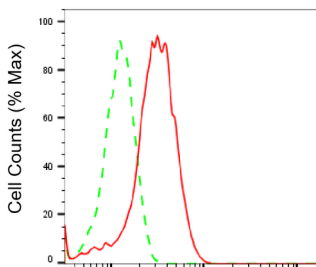
Western blotting analysis using apoptosis and caspase activation inhibitor antibody (KVA01206). Apoptosis and caspase activation inhibitor expression in wild-type (WT) and apoptosis and caspase activation inhibitor (AVEN) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with apoptosis and caspase activation inhibitor antibody (KVA01206, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using apoptosis and caspase activation inhibitor antibody (KVA01206). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with apoptosis and caspase activation inhibitor antibody (KVA01206, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Apoptosis and caspase activation inhibitor antibody (KVA01206, 1:1,000). Nuclei were stained blue with DAPI; Apoptosis and caspase activation inhibitor was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Apoptosis and caspase activation inhibitor-Alexa Fluor® 647

Flow cytometric analysis of Apoptosis and caspase activation inhibitor expression in HepG2 cells using Apoptosis and caspase activation inhibitor antibody (KVA01206, 1:2,000). Green, isotype control; red, Apoptosis and caspase activation inhibitor.