Product Name: **KD-Validated Menin 1 Recombinant Rabbit Monoclonal Antibody**
Catalog #: **KVAb01527**
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: 68.0kDa

Antigen Information

Gene Name	MEN1
Alternative Names	Menin 1; Menin; SCG2; Multiple Endocrine Neoplasia I; MEAI
Gene ID	4221.0
SwissProt ID	O00255
Immunogen	A synthesized peptide derived from human Menin

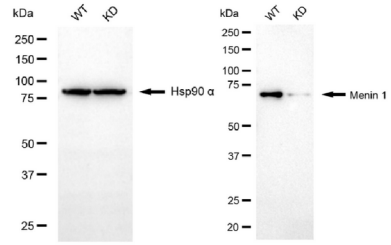
Background

This gene encodes menin, a tumor suppressor associated with a syndrome known as multiple endocrine neoplasia type 1. Menin is a scaffold protein that functions in histone modification and epigenetic gene regulation. It is thought to regulate several pathways and processes by altering chromatin structure through the modification of histones. [provided by RefSeq, May 2019]

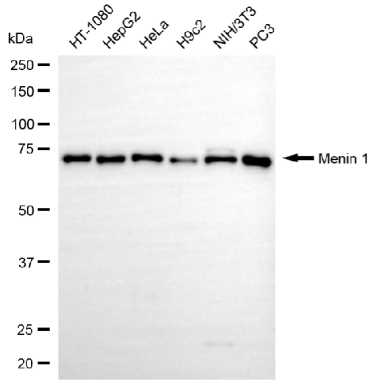
Research Area

Epigenetics and Nuclear Signaling

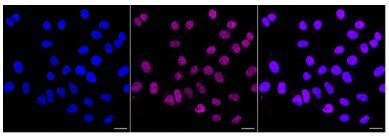
Image Data



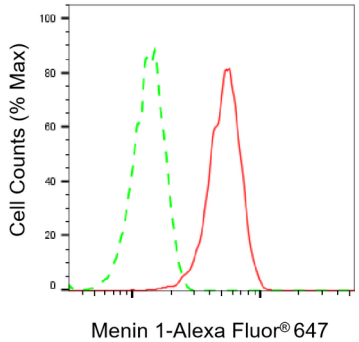
Western blotting analysis using menin 1 antibody (KVAb01527). Menin 1 expression in wild type (WT) and menin 1 (MEN1) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with menin 1 antibody (KVAb01527, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using menin 1 antibody (KVAb01527). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with menin 1 antibody (KVAb01527, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with Menin 1 antibody (KVAb01527, 1:1,000). Nuclei were stained blue with DAPI; Menin 1 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.



Flow cytometric analysis of Menin 1 expression in HepG2 cells using Menin 1 antibody (KVAb01527, 1:2,000). Green, isotype control; red, Menin 1.