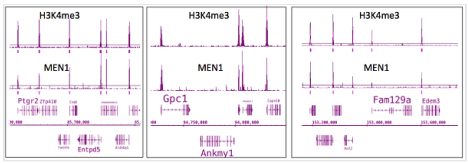
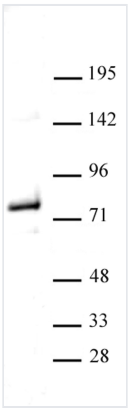
Menin Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Menin, Polyclonal Antibody
Full Product Name	Menin antibody (pAb)
Product Synonym Names	MEN1; MEAI; SCG2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Purity/Purification	Affinity Purified
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul
Molecular Weight	80kDa
Immunogen	This Menin antibody was raised against a peptide corresponding to amino acids within the C-terminal region of human Menin.
Product Categories/Family for anti-Menin antibody	Primary Antibodies
Applications Tested/Suitable for anti-Menin antibody	Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation-Seq (ChIP-Seq), Western Blot (WB)
Application Notes for anti-Menin antibody	Applications Validated: ChIP: 5ul per ChIP ChIP-Seq & ChIP-chip: 5ul each WB: 1:500-1:1,000 dilution Note: Many chromatin-bound proteins are not soluble in a low salt nuclear extract and fractionate to the pellet. Therefore, we recommend a High Salt/Sonication Protocol when preparing nuclear extracts for Western blot.
Related Product Information for anti-Menin antibody	Short Description: Our Menin antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human and Mouse samples. Background: Menin (MEN1, SCG2) is a tumor suppressor and a component of multiple MLL-containing protein complexes (MLL, ACSOM, MLL2/3 and MLL3/4), which methylate histone H3 at lysine 4. Menin interacts directly with MLL through a domain in the N-terminus of MLL. It also interacts with RNA polymerase II large subunit C-terminal domain phosphorylated at Ser5. Menin is involved in the activation of HOX gene expression and is localized along with MLL at several HOX gene promoters. It is also important for activating the expression of several cell cycle regulators, indicating a mechanism for its role as a tumor suppressor. Defects in Menin are associated with inherited Multiple Endocrine Neoplasia type I, a dominant predisposition to cancer of a number of endocrine tissues.
Other Notes	Small volumes of anti-Menin antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Menin purchase	MBS388718 is an antibody targeting Menin. Also known as Menin antibody (pAb). Reactive in Human, Mouse. Host: Rabbit.



Chromatin Immunoprecipitation (ChIP) of anti-Menin antibody
Menin antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 25 ug of chromatin from a mouse thymus and 5 ug of MEN1 antibody. ChIP DNA was sequenced on the Illumina HiSeq and 15 million sequence tags were mapped to identify MEN1 binding sites. MEN1 is a subunit of the MLL complex which catalyzes H3K4 trimethylation and is therefore expected to localize with H3K4me3. A sampling of the MEN1 ChIP-Seq data shows the expected co-localization of MEN1 and H3K4me3.



Western Blot (WB) of anti-Menin antibody
Western blot of Menin antibody. Nuclear extract of HEK293 cells (20 ?g) probed with Menin antibody (1:1,000).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Menin. It may not necessarily be applicable to this product.

NCBI Accession #	NP_570716
NCBI Related Accession #	AB_2615023
Protein Family	Menin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/menin/388718