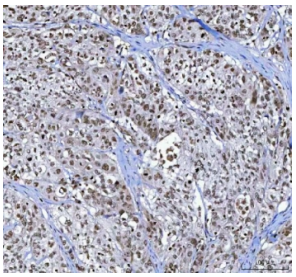
Menin Antibody / MEN1 (RQ5651)

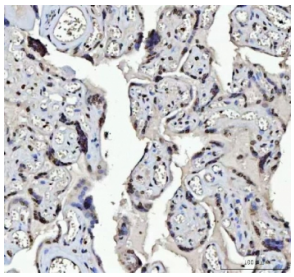
Catalog No.	Formulation	Size
RQ5651	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

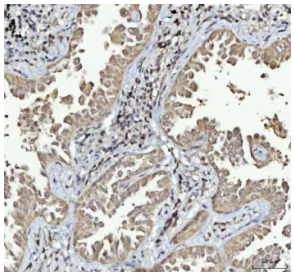
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O00255
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry: 2-5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Menin antibody is available for research use only.



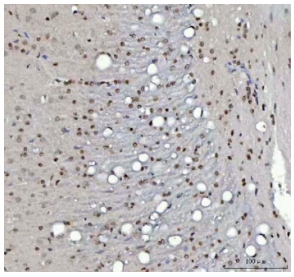
IHC staining of FFPE human bladder cancer tissue with Menin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



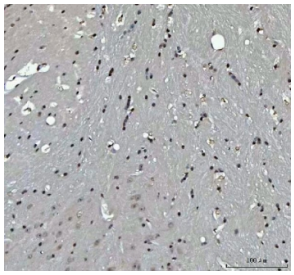
IHC staining of FFPE human placental tissue with Menin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



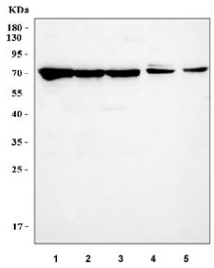
IHC staining of FFPE human lung cancer tissue with Menin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



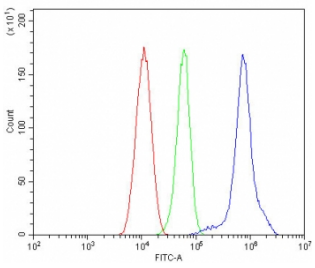
IHC staining of FFPE rat brain tissue with Menin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE mouse brain tissue with Menin antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG-2, 2) human 293T, 3) human HeLa, 4) rat brain and 5) mouse brain tissue lysate with Menin antibody. Predicted molecular weight ~68 kDa.



Flow cytometry testing of human HL-60 cells with Menin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Menin antibody.

Description

Menin is a protein that in humans is encoded by the MEN1 gene. It is mapped to 11q13.1. 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.

Application Notes

Optimal dilution of the Menin antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-L615) was used as the immunogen for the Menin antibody.

Storage

After reconstitution, the Menin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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