

Mouse Monoclonal Antibody to HNRNPU

Order Information

Catalog#	20440	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they form complexes with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene contains a RNA binding domain and scaffold-associated region (SAR)-specific bipartite DNA-binding domain. This protein is also thought to be involved in the packaging of hnRNA into large ribonucleoprotein complexes. During apoptosis, this protein is cleaved in a caspase-dependent way. Cleavage occurs at the SALD site, resulting in a loss of DNA-binding activity and a concomitant detachment of this protein from nuclear structural sites. But this cleavage does not affect the function of the encoded protein in RNA metabolism. At least two alternatively spliced transcript variants have been identified for this gene.

Specification

Aliases : HNRNPU; SAF-A; U21.1; hnRNP U

Entrez GeneID : 3192

Swissprot : Q00839

clone : 1C5H11

WB Predicted band size : 90kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human HNRNPU expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

References

1. J Cell Sci. 2011 Feb 1;124(Pt 3):394-404.
2. J Biol Chem. 2010 Aug 20;285(34):26451-60.

Call 1-510-860-4615

+86-19375157864

Email Info@ProMab.com

Web www.ProMab.com

www.ProMab.cn

Protocol

WB - www.promab.com/protocol/wb.html






IHC - www.promab.com/protocol/ihc.html

ICC - www.promab.com/protocol/icc.html

HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

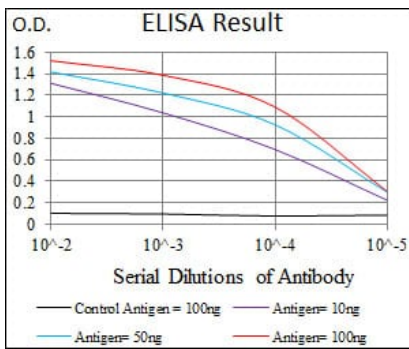
-  Mouse Monoclonal Antibody
-  Rat Monoclonal Antibody
-  Human Antibody
-  Hybridoma Sequencing
-  Polyclonal Antibody

For Research Only

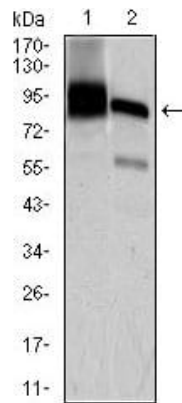
Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20440

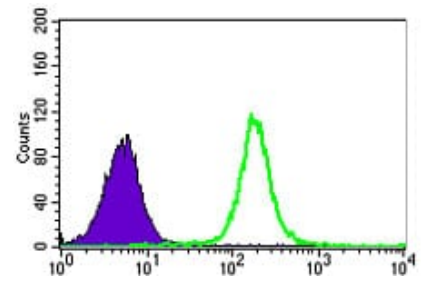
Mouse Monoclonal Antibody to HNRNPU



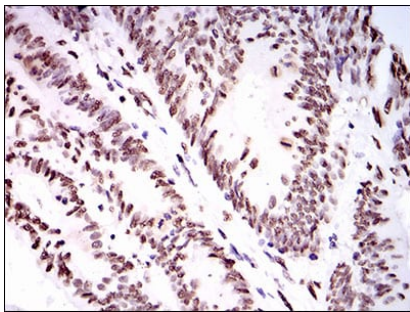
Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



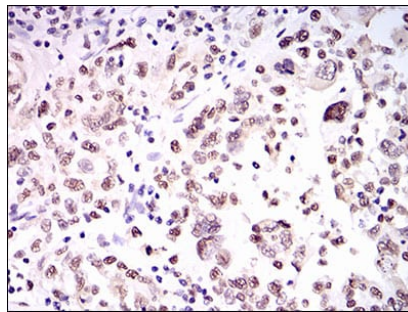
Western blot analysis using HNRNPU mouse mAb against K562 (1) and Jurkat (2) cell lysate.



Flow cytometric analysis of K562 cells using HNRNPU mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using HNRNPU mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using HNRNPU mouse mAb with DAB staining.

For Research Only

Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20440