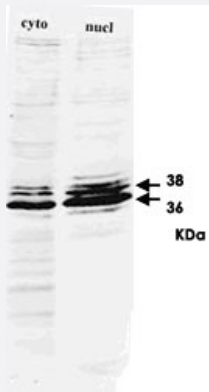


# HNRNPA2B1 monoclonal antibody, clone DP3B3

Catalog # MAB2497      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot for HNRNPA2B1 monoclonal antibody, clone DP3B3 (Cat # MAB2497) on HeLa cell extract.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant HNRNPA2B1.
<b>Immunogen</b>	Recombinant His fusion protein corresponding to human HNRNPA2B1.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	36, 38
<b>Reactivity</b>	Chicken, Human, Mouse
<b>Specificity</b>	Cross reacts with mouse for IHC on lung tissue. Reacts predominantly with a 36 kDa band (A2), & a 38 kDa band (B1).
<b>Form</b>	Liquid
<b>Isotype</b>	IgG2a
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Recommend Usage</b>	Western Blot (1:500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot for HNRNPA2B1 monoclonal antibody, clone DP3B3 (Cat # MAB2497) on HeLa cell extract.

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HNRNPA2B1

Entrez GeneID	<a href="#">3181</a>
Gene Name	HNRNPA2B1
Gene Alias	DKFZp779B0244, FLJ22720, HNRNPA2, HNRNPB1, HNRPA2, HNRPA2B1, HNRPB1, RNPA2, SNRPB1
Gene Description	heterogeneous nuclear ribonucleoprotein A2/B1
Omim ID	<a href="#">600124</a>
Gene Ontology	<a href="#">Hyperlink</a>

## Gene Summary

This gene belongs to the A/B subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex 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 has two repeats of quasi-RRM domains that bind to RNAs. This gene has been described to generate two alternatively spliced transcript variants which encode different isoforms. [provided by RefSeq]

## Other Designations

heterogeneous nuclear ribonucleoprotein B1|nuclear ribonucleoprotein particle A2 protein

## Publication Reference

- [Diagnostic and prognostic values of PBMC proteins in amyotrophic lateral sclerosis.](#)

Luotti S, Pasetto L, Porcu L, Torri V, Elezgarai SR, Pantalone S, Filareti M, Corbo M, Lunetta C, Mora G, Bonetto V. Neurobiology of Disease 2020 Jun; 139:10481.

Application: WB-Ce, Human, PBMCs

- [Altered expression of splicing factor, heterogeneous nuclear ribonucleoprotein A2/B1, in mouse lung neoplasia.](#)

Peebles KA, Dwyer-Nield LD, Malkinson AM. Molecular Carcinogenesis 2007 Nov; 46(11):887.

Application: IHC, WB, Mouse, Mouse Clara cells, Lung tissues, Type 2 cells

- [Protein composition of the intranuclear inclusions of FXTAS.](#)

Iwahashi CK, Yasui DH, An HJ, Greco CM, Tassone F, Nannen K, Babineau B, Lebrilla CB, Hagerman RJ, Hagerman PJ. Brain 2006 Jan; 129(Pt 1):256.

Application: IF, Human, Inclusions from frontal cortex of patients with Fragile X-associated tremor/ataxia syndrome

- [beta-catenin interacts with the FUS proto-oncogene product and regulates pre-mRNA splicing.](#)

Sato S, Ido-gawa M, Honda K, Fujii G, Kawashima H, Takekuma K, Hoshika A, Hirohashi S, Yamada T. Gastroenterology 2005 Oct; 129(4):1225.

Application: WB, Human, DLD-1 cells