

**HNRPA2B1 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant HNRPA2B1.

Catalog # AT2397a

**Specification**

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**HNRPA2B1 Antibody (monoclonal) (M01) - Product Information**

|                   |                          |
|-------------------|--------------------------|
| Application       | IF, WB, E                |
| Primary Accession | <a href="#">P22626</a>   |
| Other Accession   | <a href="#">BC000506</a> |
| Reactivity        | Human                    |
| Host              | Mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 kappa               |
| Calculated MW     | 37430                    |

**HNRPA2B1 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 3181

**Other Names**

Heterogeneous nuclear ribonucleoproteins A2/B1, hnRNP A2/B1, HNRNPA2B1, HNRPA2B1

**Target/Specificity**

HNRPA2B1 (AAH00506, 1 a.a. ~ 249 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

HNRPA2B1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

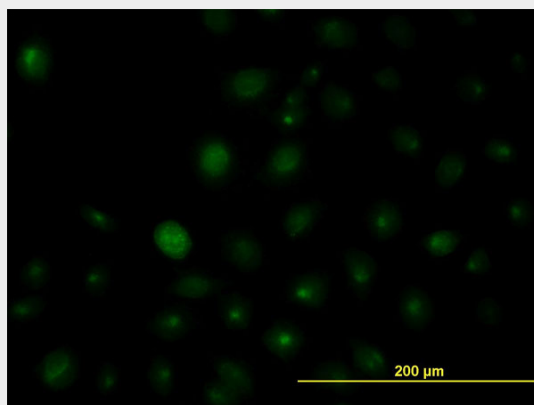
**HNRPA2B1 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

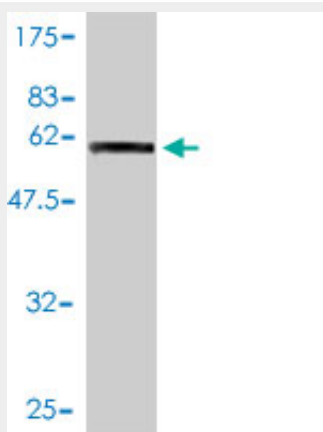
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

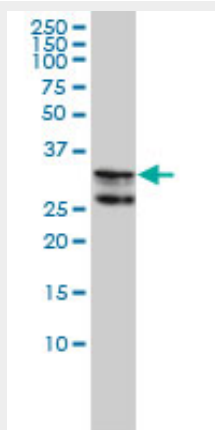
### HNRPA2B1 Antibody (monoclonal) (M01) - Images



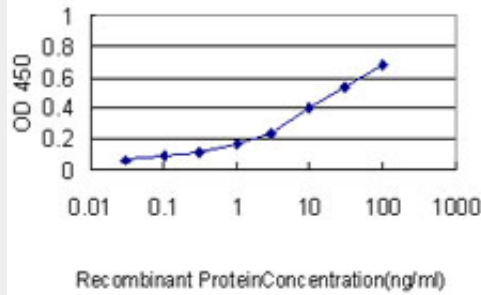
Immunofluorescence of monoclonal antibody to HNRPA2B1 on HeLa cell. [antibody concentration 20 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.13 KDa) .



HNRPA2B1 monoclonal antibody (M01), clone 1G12-6C5 Western Blot analysis of HNRPA2B1 expression in K-562 ( (Cat # AT2397a )



Detection limit for recombinant GST tagged HNRPA2B1 is approximately 0.3ng/ml as a capture antibody.

### **HNRPA2B1 Antibody (monoclonal) (M01) - Background**

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.

### **HNRPA2B1 Antibody (monoclonal) (M01) - References**

1. TAR DNA-binding protein 43 (TDP-43) regulates stress granule dynamics via differential regulation of G3BP and TIA-1. McDonald KK, Aulas A, Destroismaisons L, Pickles S, Beleac E, Camu W, Rouleau GA, Vande Velde C. Hum Mol Genet. 2011 Jan 27. [Epub ahead of print]