

## Product datasheet for **AM26527AF-N**

### hnRNP A2B1 (HNRNPA2B1) Mouse Monoclonal Antibody [Clone ID: C20308]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	C20308
Applications:	IF, WB
Recommended Dilution:	Western blot: 10 µg/ml for chemiluminescence detection system. Immunocytochemistry: 10 µg/ml.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Protein fraction extracted from the mitotic chromosome
Specificity:	This antibody reacts with hnRNP-A2/B1.
Formulation:	PBS containing 50% glycerol, pH 7.2. No preservative is contained. State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	40 kDa
Gene Name:	heterogeneous nuclear ribonucleoprotein A2/B1
Database Link:	<a href="#">Entrez Gene 3181 Human P22626</a>



[View online »](#)

**Background:**

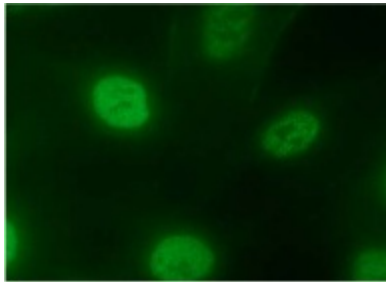
The heterogeneous nuclear ribonucleoprotein-A2/B1 (hnRNP-A2/B1) was recently shown to be up-regulated in the early stage of lung cancer. This protein plays an important role in biogenesis and transport of mRNA. Up-regulation of hnRNP usually precedes morphological differentiation and is considered a good biomarker in the early stages of cancer development. HnRNP-A2/B1 proteins were localized primarily in the nucleus, excluding the nucleolus, although the expression of A2 protein was weaker than that of B1 protein. hnRNP-A2/B1 proteins were apparently expressed in nonmalignant alveolar cells as well as cancer cells, although the expression in alveolar cells was weaker than that of cancer cells.

**Synonyms:**

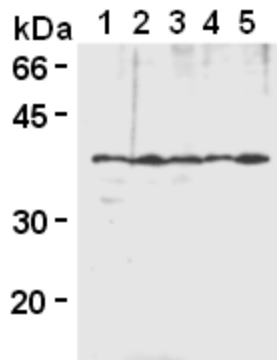
Heterogeneous nuclear ribonucleoproteins A2/B1, hnRNP A2 / hnRNP B1, HNRPA2B1

**Note:**

This product was originally produced by MBL International.

**Product images:**

Immunocytochemical detection of hnRNP-A2/B1 on acetone fixed HEP-II cells with AM26527AF-N.



Western blot analysis of hnRNP-A2/B1 expression in Jurkat (1), Raji (2), HeLa (3), MCF-7 (4) and NIH/3T3 (5) using AM26527AF-N.