hnRNP A2/B1 (2A2) Mouse mAb



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Applications: W	Reactivity: H Mk	Sensitivity: Endogenous	MW (kDa): 34 to 36	Source/Isotype: Mouse IgG1	UniProt ID: #P22626	Entrez-Gene Id: 3181
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		• •	- 1), 150 mM NaCl, 100 μg/ ot aliquot the antibody.	ml BSA, 50% glyce	rol and less than
Specificity/Sensitivity		hnRNP A2/B1 (2A2) Mouse mAb detects endogenous levels of total hnRNP A2/B1 proteins. This antibody does not cross-react with other proteins.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a human hnRNP B1 protein.				
Background		of related RNA-binding and transport of nucle encode two homologe Studies demonstrate h proteins can bind and expression of hnRNP adenocarcinoma, and with inhibition of DNA (8). Autoantigens to hi	g proteins that bind ar pre-mRNA trans bus hnRNP proteins nnRNP A2/B1 splicin protect telomere ro 31 is seen in severa various forms of lu -PK activity and imp nRNP A2/B1 (terme	n A2/B1 (hnRNP A2/B1) in A2/B1) in pre-mRNA and are involved in the pre-mRNA and are involved in the pre-mRNA and are involved in the pre-mRNA and hnRNPB in grepression across must be preat sequences from Differms of cancer, including cancer (7). Overexpressived DNA repair during the RA33) are associated vive tissue disease (9-11)	lived in the process icing produces trar 1, from a single ge ltiple targets (3,4) a Nase digestion (5,6 ing squamous cell cession of hnRNP B1 g early stages of ca with rheumatoid ar	sing, metabolism, nscripts that ne sequence (2). and that both i). Altered carcinoma, may be associated ncer development
Background References		1. Myer, V.E. and Steitz, J.A. (1995) RNA 1, 171-82. 2. Kozu, T. et al. (1995) Genomics 25, 365-71. 3. Clower, C.V. et al. (2010) Proc Natl Acad Sci USA 107, 1894-9. 4. Moran-Jones, K. et al. (2009) Cancer Res 69, 9219-27. 5. Moran-Jones, K. et al. (2005) Nucleic Acids Res 33, 486-96. 6. Kamma, H. et al. (2001) Biochem Biophys Res Commun 280, 625-30. 7. Hamasaki, M. et al. (2001) Anticancer Res 21, 979-84. 8. Iwanaga, K. et al. (2005) Biochem Biophys Res Commun 333, 888-95. 9. Fritsch, R. et al. (2002) J Immunol 169, 1068-76. 10. Fritsch-Stork, R. et al. (2006) Arthritis Res Ther 8, R118. 11. Skriner, K. et al. (1997) J Clin Invest 100, 127-35.				

Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat

dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human Mk: Monkey

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