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# MSI2 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant MSI2.
Catalog # AT2915a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q96DH6 |
| **Other Accession** | BC001526 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a Kappa |
| **Clone Names** | 2D12 |
| **Calculated MW** | 35197 |

## Additional Information

| | |
|---|---|
| **Gene ID** | 124540 |
| **Other Names** | RNA-binding protein Musashi homolog 2, Musashi-2, MSI2 |
| **Target/Specificity** | MSI2 (AAH01526, 1 a.a. ~ 328 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 E~~N/A |
| **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** | MSI2 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

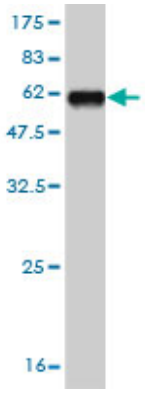
This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Two transcript variants encoding distinct isoforms have been identified for this gene.

## References

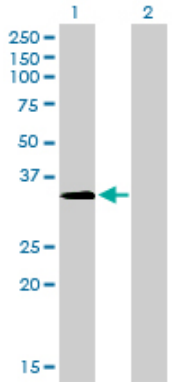
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID

20379614.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.EVI1 overexpression in t(3;17) positive myeloid malignancies results from juxtaposition of EVI1 to the MSI2 locus at 17q22. De Weer A, et al. Haematologica, 2008 Dec. PMID 18815193.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

## Images

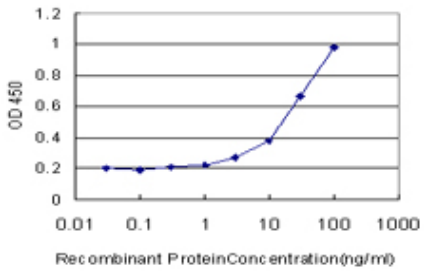



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (61.82 KDa) .

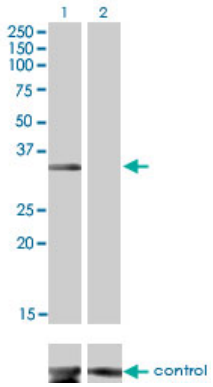



Western Blot analysis of MSI2 expression in transfected 293T cell line by MSI2 monoclonal antibody (M08), clone 2D12.

Lane 1: MSI2 transfected lysate(35.2 KDa).
Lane 2: Non-transfected lysate.




Detection limit for recombinant GST tagged MSI2 is approximately 1ng/ml as a capture antibody.




Western blot analysis of MSI2 over-expressed 293 cell line, cotransfected with MSI2 Validated Chimera RNAi ( (Cat # AT2915a )

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.