



# Msi2 Monoclonal Antibody

<b>Catalog No</b>	BYab-01005
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	MSI2
<b>Protein Name</b>	RNA-binding protein Musashi homolog 2
<b>Immunogen</b>	Purified recombinant fragment of human Msi2 expressed in E. Coli.
<b>Specificity</b>	Msi2 Monoclonal Antibody detects endogenous levels of Msi2 protein.
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MSI2; RNA-binding protein Musashi homolog 2; Musashi-2
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cytoplasm. Associated with polysomes. .
<b>Tissue Specificity</b>	Ubiquitous; detected at low levels.
<b>Function</b>	disease:Chromosomal aberrations involving MSI2 may contribute to disease progression in chronic myeloid leukemia. Translocation t(7;17)(p15;q23) with HOXA9; translocation t(7;17)(q32-34;q23).,function:RNA binding protein that regulates the expression of target mRNAs at the translation level. May play a role in the proliferation and maintenance of stem cells in the central nervous system.,induction:Up-regulated in astrocytes after brain injury.,PTM:Phosphorylated.,similarity:Belongs to the Musashi family.,similarity:Contains 2 RRM (RNA recognition motif) domains.,subcellular location:Associated with polysomes.,tissue specificity:Ubiquitous; detected at low levels.,
<b>Background</b>	This gene encodes an RNA-binding protein that is a member of the Musashi protein family. The encoded protein is transcriptional regulator that targets genes

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involved in development and cell cycle regulation. Mutations in this gene are associated with poor prognosis in certain types of cancers. This gene has also been shown to be rearranged in certain cancer cells. [provided by RefSeq, Apr 2016],

**matters needing attention**

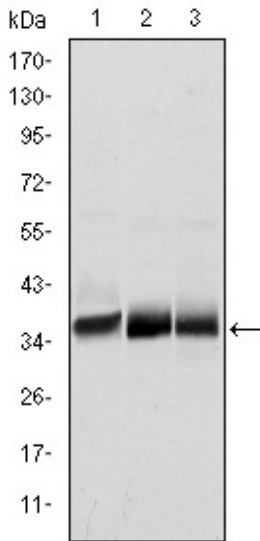
Avoid repeated freezing and thawing!

**Usage suggestions**

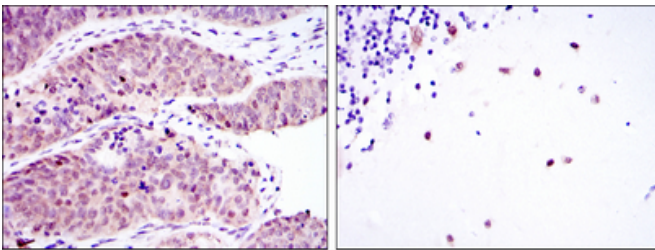
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



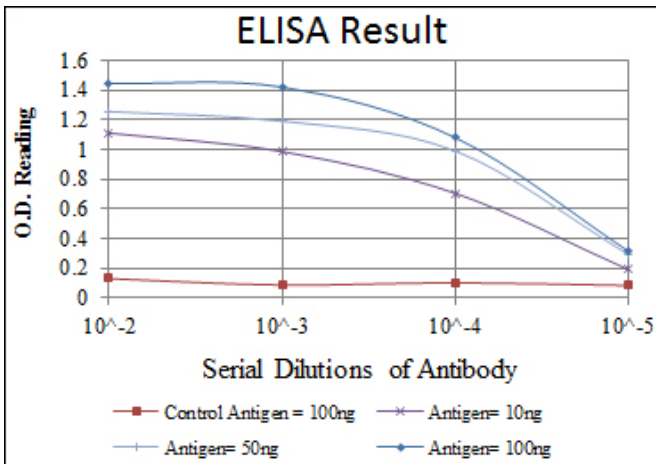
## Products Images



Western Blot analysis using Msi2 Monoclonal Antibody against NTERA-2 (1), SW620 (2) and T47D (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded ovarian cancer (left) and cerebellum tissues (right) with DAB staining using Msi2 Monoclonal Antibody.



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