



Msi2 Monoclonal Antibody

Catalog No	YP-Ab-01005
Isotype	IgG
Reactivity	Human
Applications	WB;IHC;IF;ELISA
Gene Name	MSI2
Immunogen	Purified recombinant fragment of human Msi2 expressed in E. Coli.
Specificity	Msi2 Monoclonal Antibody detects endogenous levels of Msi2 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Musashi-2;MSI2H;Musashi 2;RNA-binding protein Musashi homolog 2;Msi2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm. Associated with polysomes. .
Tissue Specificity	Ubiquitous; detected at low levels.
Function	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..

Background

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 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

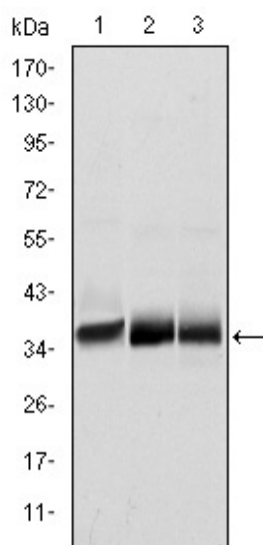
Avoid repeated freezing and thawing!

Usage suggestions

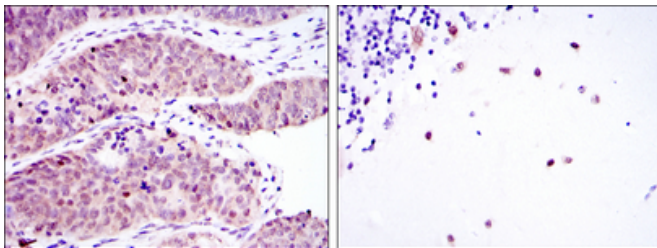
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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.

