

Mouse anti-Human MSI2 Antibody | anti-MSI2 antibody

MSI2 Antibody

CATALOG # AAA108539	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	----------------------	----------------------------	--

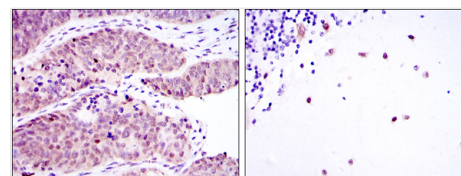
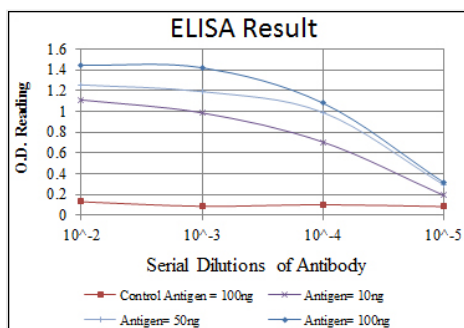
PRODUCT SYNONYMS

MSI2; MSI2 Antibody; MSI2H; MGC3245; FLJ36569; anti-MSI2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	2C11
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	328
Applicable Applications for anti-MSI2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MSI2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

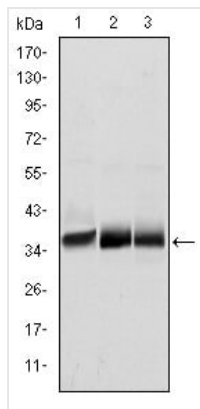
IMAGES



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded ovarian cancer (left) and cerebellum tissues (right) using MSI2 mouse mAb with DAB staining.

Application Data



WB (Western Blot)

Figure 1: Western blot analysis using MSI2 mouse mAb against NTERA-2 (1), SW620 (2) and T47D (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MSI2 antibody	Msi2 (musashi homolog 2), also known as MSI2H, is a 328 amino acid protein that localizes to the cytoplasm and contains two RRM (RNA recognition motif) domains. Expressed ubiquitously at low levels, Msi2 functions as an RNA binding protein that, by regulating the expression of target mRNAs, is thought to play a role in the proliferation and maintenance of stem cells within the central nervous system. Msi2 is subject to posttranslational phosphorylation and is upregulated in response to brain injury, suggesting a role in healing and brain tissue regeneration. Chromosomal aberrations involving the Msi2 gene are associated with the progression of chronic myeloid leukemia. Multiple isoforms of Msi2 exist due to alternative splicing events. Tissue specificity: Ubiquitous; detected at low levels.
Product Categories/Family for anti-MSI2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	20373175
NCBI GeneID	124540
NCBI Accession #	NP_620412.1
NCBI GenBank Nucleotide #	NM_138962.3
UniProt Accession #	Q96DH6; Q7Z6M7; Q8N9T4
Molecular Weight	35kDa
NCBI Official Full Name	RNA-binding protein Musashi homolog 2 isoform a
NCBI Official Synonym Full Names	musashi RNA binding protein 2
NCBI Official Symbol	MSI2
NCBI Official Synonym Symbols	MSI2H
NCBI Protein Information	RNA-binding protein Musashi homolog 2
UniProt Protein Name	RNA-binding protein Musashi homolog 2
UniProt Gene Name	MSI2
UniProt Synonym Gene Names	Musashi-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

