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Product datasheet for UM500092CF

MSI1 Mouse Monoclonal Antibody [Clone ID: UMAB127]

Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB127
Applications:	10k-ChIP, IHC
Recommended Dilution:	IHC 1:100~200
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MSI1(NP_002433) produced in HEk293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38.9 kDa
Gene Name:	musashi RNA binding protein 1
Database Link:	NP_002433 Entrez Gene 17690 MouseEntrez Gene 259272 RatEntrez Gene 4440 Human O43347

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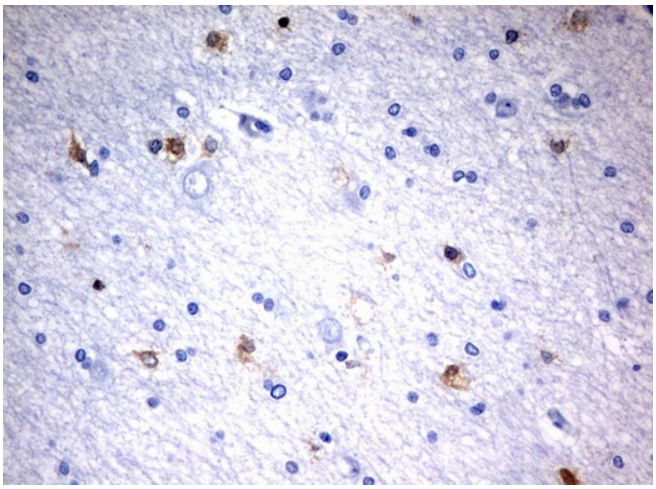
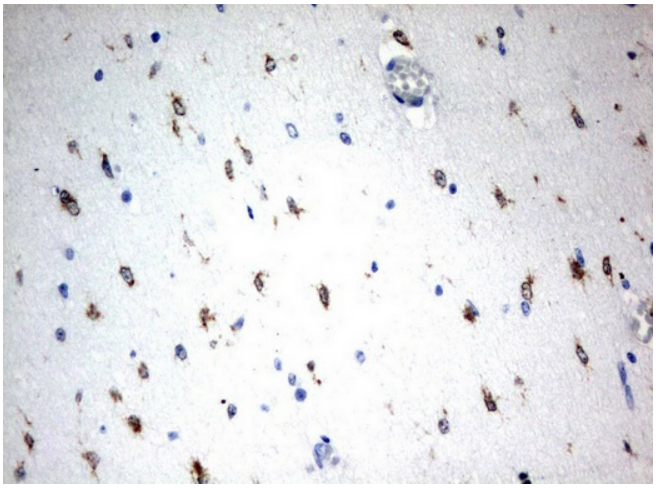
Background: This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13. [provided by RefSeq, Jul 2008]

Synonyms: musashi 1; musashi homolog 1 (Drosophila)

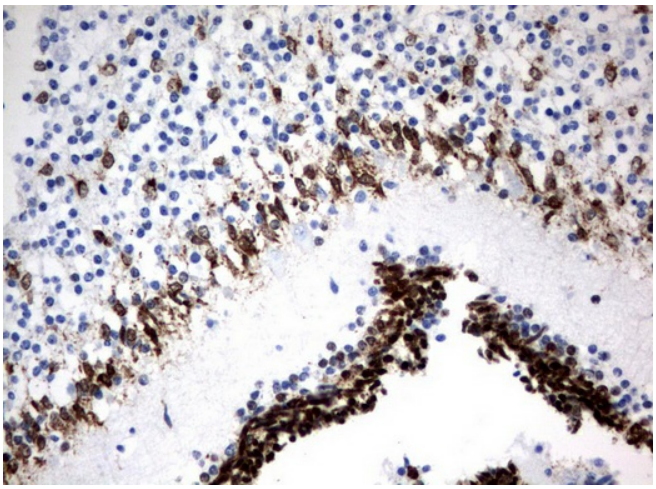
Product images:



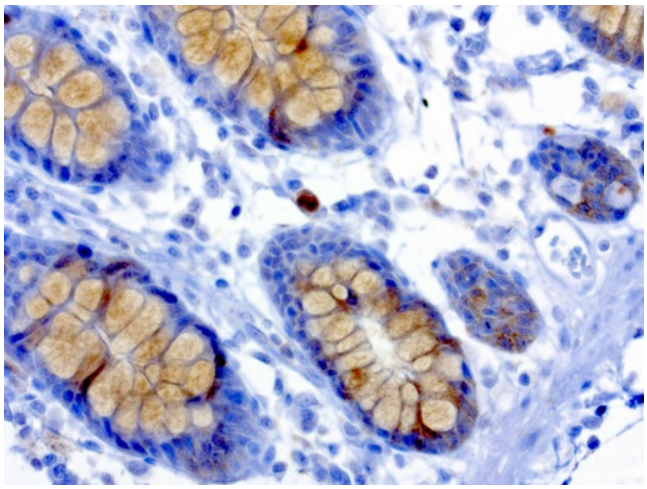
Immunohistochemical staining of paraffin-embedded Human adult brain tissue using anti-MSI1 mouse monoclonal antibody. ([UM500092]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



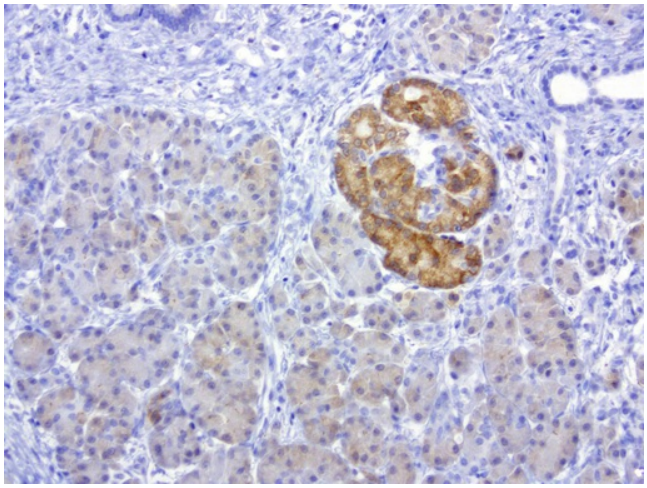
Immunohistochemical staining of paraffin-embedded Human embryonic brain cortex tissue using anti-MSI1 mouse monoclonal antibody. ([UM500092]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



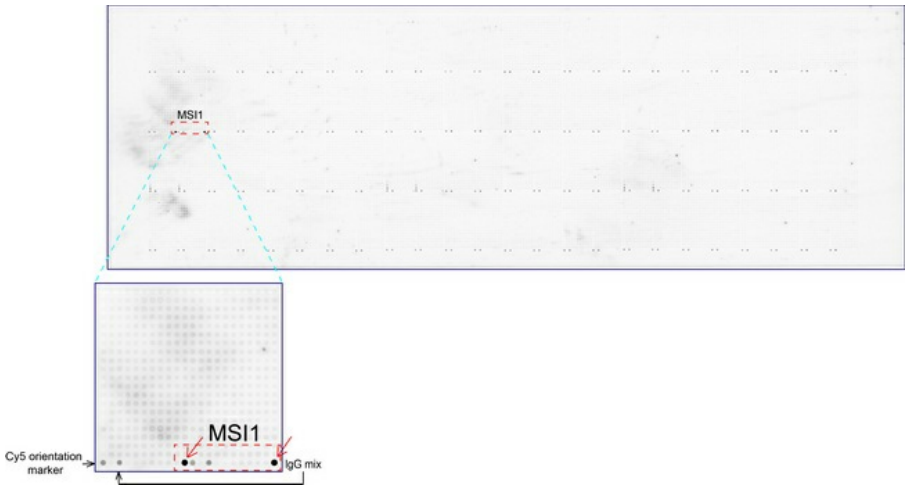
Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum using anti-MSI1 mouse monoclonal antibody. ([UM500092]; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded human colon using anti-MSI1 clone UMAB127 mouse monoclonal antibody at 1:200 dilution 1mg/mL and detection with Polink2 Broad HRP DAB. [UM500092] requires heat-induced epitope retrieval with Accel pH 8.7 in a presure cooker for 3 minutes at 110C.



Immunohistochemical staining of paraffin-embedded human pancreas using anti-MSI1 clone UMAB127 mouse monoclonal antibody at 1:200 dilution 1mg/mL and detection with Polink2 Broad HRP DAB. [UM500092] requires heat-induced epitope retrieval with Accel pH 8.7 in a presure cooker for 3 minutes at 110C. Cytoplasmic and membrane staining seen weakly on the glandular cells and strongly on the Islet of Langerhans



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-MSI1 mouse monoclonal antibody ([UM500092]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification.