# Musashi-1 (MSI1) Rabbit mAb

Catalog No.: A9122 Recombinant



# **Basic Information**

#### **Observed MW**

39kDa

### **Calculated MW**

39kDa

### Category

Primary antibody

# **Applications**

WB,IF/ICC,ELISA

### **Cross-Reactivity**

Human, Mouse

#### CloneNo number

ARC1796

# **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.

## **Recommended Dilutions**

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

**Gene ID**4440

Swiss Prot

043347

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

MSI1; musashi RNA binding protein 1; Musashi-1 (MSI1)

## **Contact**

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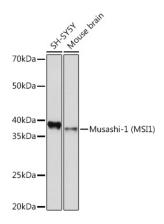
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

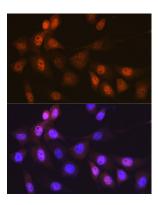


Western blot analysis of various lysates using Musashi-1 (MSI1) Rabbit mAb (A9122) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

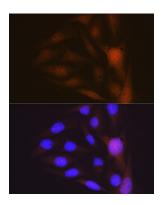
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunofluorescence analysis of NIH-3T3 cells using Musashi-1 (MSI1) Rabbit mAb (A9122) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using Musashi-1 (MSI1) Rabbit mAb (A9122) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.