Leader in Biomolecular Solutions for Life Science

Musashi-1 (MSI1) Rabbit mAb

Catalog No.: A9122

Recombinant

www.abclonal.com

Basic Information

Observed MW
39 kDa

Calculated MW
39 kDa

Category
Monoclonal Antibodies

Applications
WB, IP, IF/ICC, ELISA

Cross Reactivity
Human, Mouse

Clone No.
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

IP
0.5 μg - 4 μg antibody for 200 μg - 400 μg extracts of whole cells

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
O43347

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

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

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

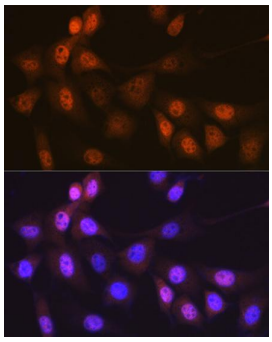
Source
Rabbit

Isotype
IgG

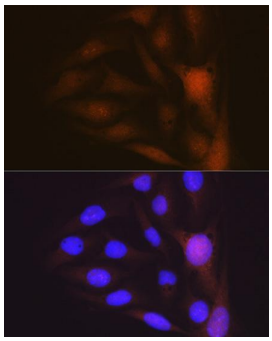
Purity
Affinity purification

Storage
Store at -20℃

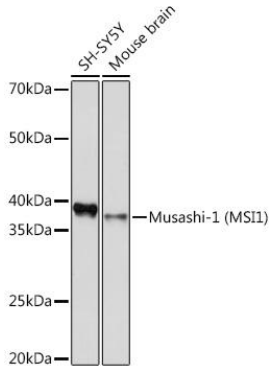
Validation Data



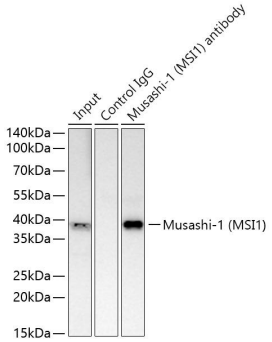
Immunofluorescence analysis of NIH-3T3 cells using Musashi-1 (MSI1) Rabbit mAb (A9122) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



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.



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: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.



Immunoprecipitation of Musashi-1 (MSI1) from 300 µg extracts of SH-SY5Y cells was performed using 2 µg of Musashi-1 (MSI1) Rabbit mAb (A9122). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Musashi-1 (MSI1) Rabbit mAb (A9122) at a dilution of 1:1000.