

MSI1 / Musashi 1 Antibody (clone 3F2)
Mouse Monoclonal Antibody
Catalog # ALS13357**Specification**

MSI1 / Musashi 1 Antibody (clone 3F2) - Product Information

Application	WB, IF, IHC
Primary Accession	O43347
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	39kDa KDa

MSI1 / Musashi 1 Antibody (clone 3F2) - Additional Information**Gene ID** 4440**Other Names**

RNA-binding protein Musashi homolog 1, Musashi-1, MSI1

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

MSI1 / Musashi 1 Antibody (clone 3F2) is for research use only and not for use in diagnostic or therapeutic procedures.

MSI1 / Musashi 1 Antibody (clone 3F2) - Protein Information**Name** MSI1**Function**

RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU- 3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q61474}. Nucleus {ECO:0000250|UniProtKB:Q61474}

Tissue Location

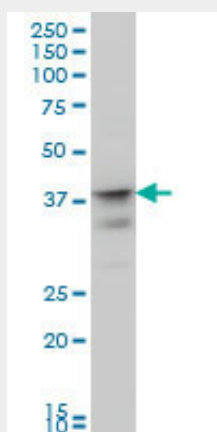
Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines

MSI1 / Musashi 1 Antibody (clone 3F2) - Protocols

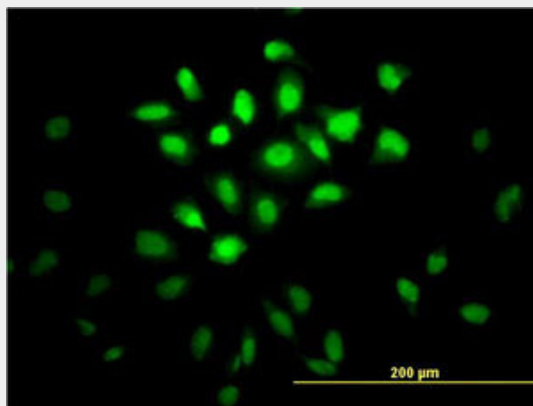
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

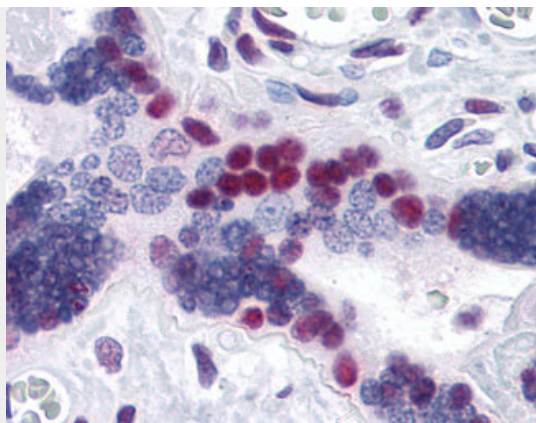
MSI1 / Musashi 1 Antibody (clone 3F2) - Images



MSI1 monoclonal antibody clone 3F2 Western blot of MSI1 expression in IMR-32.



Immunofluorescence of monoclonal antibody to MSI1 on HeLa cell (antibody concentration 10 ug/ml).



Anti-MSI1 antibody IHC of human placenta.

MSI1 / Musashi 1 Antibody (clone 3F2) - Background

RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU-3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system (By similarity).

MSI1 / Musashi 1 Antibody (clone 3F2) - References

Good P.,et al.Genomics 52:382-384(1998).
Scherer S.E.,et al.Nature 440:346-351(2006).
Shu H.-J.,et al.Biochem. Biophys. Res. Commun. 293:150-154(2002).
Okano H.,et al.J. Cell Sci. 115:1355-1359(2002).
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).