

# Musashi-1 Monoclonal Antibody

Catalog No: #27184



Package Size: #27184-1 50ul #27184-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

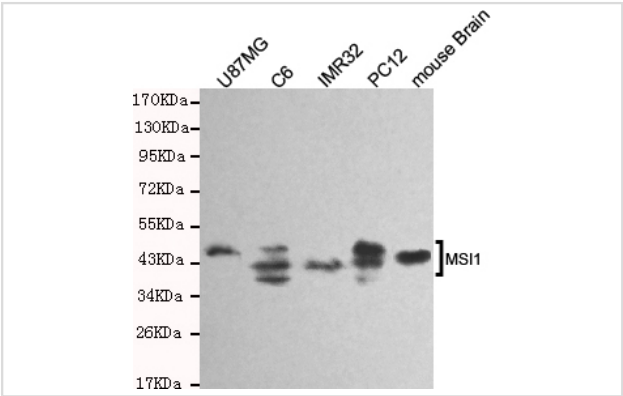
## Description

|                       |                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Musashi-1 Monoclonal Antibody                                                                                                                |
| Host Species          | Mouse                                                                                                                                        |
| Clonality             | Monoclonal                                                                                                                                   |
| Clone No.             | 3F8-E6-B9                                                                                                                                    |
| Isotype               | IgG2b                                                                                                                                        |
| Purification          | Affinity purified                                                                                                                            |
| Applications          | WB                                                                                                                                           |
| Species Reactivity    | Human;Mouse;Rat                                                                                                                              |
| Specificity           | This antibody detects endogenous levels of MSI1 and does not cross-react with related proteins.                                              |
| Immunogen Type        | Recombinant Protein                                                                                                                          |
| Immunogen Description | Purified recombinant human MSI1 protein fragments expressed in E.coli.                                                                       |
| Conjugates            | Unconjugated                                                                                                                                 |
| Target Name           | Musashi-1                                                                                                                                    |
| Other Names           | musashi homolog 1 (Drosophila); Musashi (Drosophila) homolog 1; musashi-1; musashi1; RNA-binding protein Musashi homolog 1; Musashi-1; MSI1; |
| Accession No.         | Uniprot: O43347 Gene ID: 4440                                                                                                                |
| SDS-PAGE MW           | 39kd                                                                                                                                         |
| Formulation           | Purified mouse monoclonal in PBS(pH 7.4) containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA                                            |
| Storage               | store at -20Λ C                                                                                                                              |

## Application Details

Western blotting: 1:1000

## Images



Western blot detection of MSI1 in U87MG,C6,IMR32,mouse brain&PC12 cell lysates and using MSI1 antibody (1:1000 diluted). Predicted band size: 39KDa Observed band size:39KDa

## Background

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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]U1-3AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.