

## Mouse Monoclonal Antibody to MSI1

**Catalogue Number** sAP-0529

**Target Molecule** **Name:** MSI1

**Aliases:** MSI1

**MW:** 39kDa

**Entrez Gene ID: 4440**

**Description** 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. Musashi-1 is frequently used as a marker for proliferating neural precursor cells, it is also expressed in epithelial stem cells including intestinal and mammary gland stem cells. Tissue specificity: Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines.

**Immunogen** Purified recombinant fragment of human MSI1 expressed in E. Coli.

**Reactive Species** Human

**Clone** MM2A12;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. BMC Cancer. 2008 Apr 18;8:108. ; 2. Gastroenterology. 2008 May;134(5):1448-58.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**