

# Immunotag™ Musashi-1 mouse mAb

Antibody Specification	
Catalog No.	ITM1336
Product Description	Immunotag™ Musashi-1 mouse mAb
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Musashi-1
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB
Recommended Dilution	wb 1:1000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Mouse
Immunogen	Purified recombinant human Musashi-1 protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of Musashi-1 and does not cross-react with related proteins.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	msi1
Accession No.	O43347 Q61474
Alternate Names	MSI1;Musashi-1;Msi 1;Msi1;MSI1H_HUMAN;Musashi homolog 1;Musashi-1;Musashi1;RNA binding protein Musashi homolog 1;RNA-binding protein Musashi homolog 1.

## Antibody Specification

Description	musashi RNA binding protein 1(MSI1) Homo sapiens 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. [provided by RefSeq, Jul 2008],
Protein Expression	Fetal brain,
Subcellular Localization	nucleus,cytoplasm,polysome,
Protein Function	domain:The first RNA recognition motif binds more strongly to RNA compared to the second one.,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.,similarity:Belongs to the Musashi family.,similarity:Contains 2 RRM (RNA recognition motif) domains.,tissue specificity:Detected in fetal kidney, brain, liver and lung, and in adult brain and pancreas. Detected in hepatoma cell lines.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.