

Musashi-1 Conjugated Monoclonal Antibody

Catalog No: #C27184

Package Size: #C27184-AF350 100ul #C27184-AF405 100ul #C27184-AF488 100ul

#C27184-AF555 100ul #C27184-AF594 100ul #C27184-AF647 100ul

#C27184-AF680 100ul #C27184-AF750 100ul #C27184-Biotin 100ul

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Description

Product Name	Musashi-1 Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of MSI1 and does not cross-react with related proteins.
Immunogen Description	Purified recombinant human MSI1 protein fragments expressed in E.coli.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	musashi homolog 1 (Drosophila); Musashi (Drosophila) homolog 1; musashi-1; musashi1; RNA-binding protein Musashi homolog 1; Musashi-1; MSI1;
Accession No.	Swiss-Prot#: O43347NCBI Gene ID:4440
Uniprot	O43347
GeneID	4440;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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

Note: This product is for in vitro research use only