

Datasheet for ABIN953550
anti-MSI1 antibody (N-Term)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	0.4 mL
Target:	MSI1
Binding Specificity:	AA 74-101, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MSI1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 74-101 amino acids from the N-terminal region of Human Musashi-1 Genename: MSI1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Musashi-1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MSI1
Alternative Name:	Musashi-1 (MSI1 Products)

Target Details

Background:	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. Synonyms: MSI1, RNA-binding protein Musashi homolog 1
Molecular Weight:	39125 Da
Gene ID:	4440
NCBI Accession:	NP_002433
Pathways:	Stem Cell Maintenance

Application Details

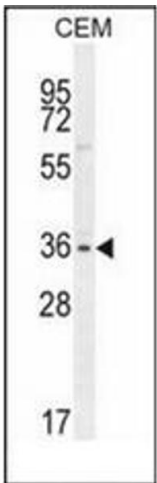
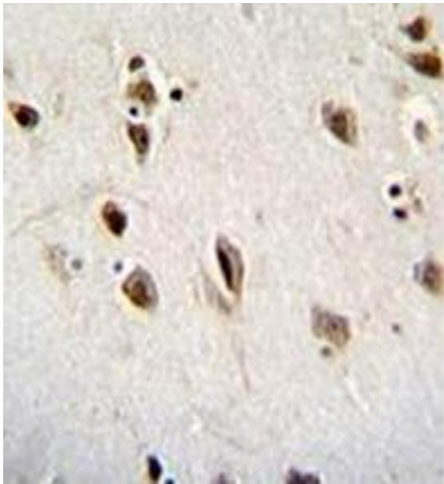
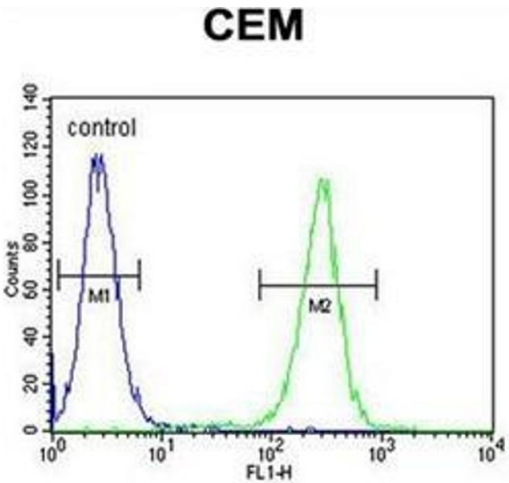
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in:	Dephoure, Zhou, Villén, Beausoleil, Bakalarski, Elledge, Gygi: "A quantitative atlas of mitotic phosphorylation." in: Proceedings of the National Academy of Sciences of the United States of America , Vol. 105, Issue 31, pp. 10762-7, (2008) (PubMed).
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Flow Cytometry

Image 1. Flow cytometric analysis of CEM cells using Musashi-1 Antibody (N-term) Cat.-No AP52759PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with Musashi-1 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.

Western Blotting

Image 3. Western blot analysis of Musashi-1 Antibody (N-term) in CEM cell line lysates (35ug/lane).