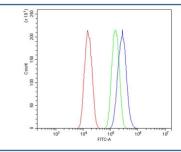


Musashi 1 Antibody / MSI1 (RQ5992)

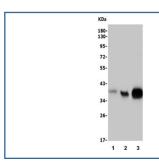
| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ5992 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| Availability | 1-3 business days |
|--------------------|--|
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| UniProt | O43347 |
| Applications | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations | This Musashi 1 antibody is available for research use only. |



Flow cytometry testing of human A549 cells with Musashi 1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Musashi 1 antibody.



Western blot testing of human 1) U-2 OS, 2) T-47D and 3) COLO-320 lysate with Musashi 1 antibody. Predicted molecular weight ~39 kDa.

Description

RNA-binding protein Musashi homolog 1 is a protein that in humans is encoded by the MSI1 gene. 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.

Application Notes

Optimal dilution of the Musashi 1 antibody should be determined by the researcher.

Immunogen

Amino acids KMFIGGLSWQTTQEGLREYFGQFGEVKECLVMRD from the human protein were used as the immunogen for the Musashi 1 antibody.

Storage

After reconstitution, the Musashi 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.