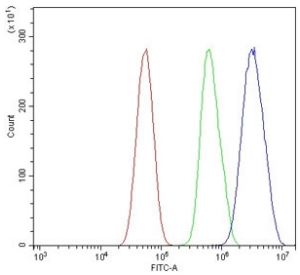
# Myb-related protein A Antibody / A-Myb / MYBL1 (RQ6429)

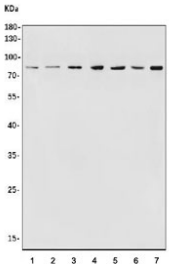
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ6429 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | P10243 |
| **Localization** | Nuclear |
| **Applications** | Western blot: 0.5-1ug/ml<br>Flow cytometry: 1-3ug/million cells<br>Direct ELISA: 0.1-0.5ug/ml |
| **Limitations** | This Myb-related protein A antibody is available for research use only. |




Flow cytometry testing of human U-87 MG cells with Myb-related protein A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Myb-related protein A antibody.




Western blot testing of human 1) T-47D, 2) A431, 3) PC-3, 4) U-87 MG, 5) A549, 6) rat stomach and 7) mouse stomach tissue lysate with Myb-related protein A antibody. Predicted molecular weight ~86 kDa.

## Description

Myb-related protein A is a protein that in humans is encoded by the MYBL1 gene. A-Myb is expressed at specific times in reproductive tissues, some neural cells, and a subset of normal and neoplastic B lymphocytes. Both A-Myb and B-Myb are expressed in t(14:18) lymphoma cells where they then inhibit cell arrest and apoptotic signaling. Expression of B-Myb rescues cells from p53-induced G1 phase arrest that is mediated by p21, while A-Myb functions as an anti-apoptotic factor by effectively activating the bcl-2 promoter and thereby up-regulating Bcl-2 expression.

## Application Notes

Optimal dilution of the Myb-related protein A antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids K199-L752) was used as the immunogen for the Myb-related protein A antibody.

## Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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