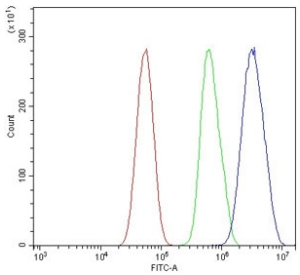
Myb-related protein A Antibody / A-Myb / MYBL1 (RQ6429)

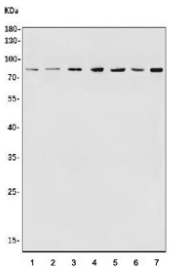
Catalog No.	Formulation	Size
RQ6429	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
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 Flow Cytometry : 1-3ug/million cells 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.