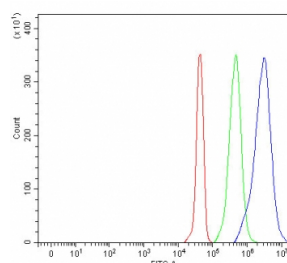


## PRAM1 Antibody / PML-RARA-regulated adapter molecule 1 (RQ8089)

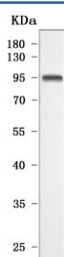
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ8089      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Antigen affinity purified  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose  |
| <b>UniProt</b>            | Q96QH2   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| <b>Limitations</b>        | This PRAM1 antibody is available for research use only.  |



Flow cytometry testing of fixed and permeabilized human JK cells with PRAM1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PRAM1 antibody.



Western blot testing of human ThP-1 cell lysate with PRAM1 antibody. Predicted molecular weight ~74 kDa but is also observed at ~97 kDa.

## Description

PML-RARA-regulated adapter molecule 1 is a protein that in humans is encoded by the PRAM1 gene. The protein encoded by this gene is similar to FYN binding protein (FYB/SLAP-130), an adaptor protein involved in T cell receptor mediated signaling. This gene is expressed and regulated during normal myelopoiesis. The expression of this gene is induced by retinoic acid and is inhibited by the expression of PML-RARalpha, a fusion protein of promyelocytic leukemia (PML) and the retinoic acid receptor-alpha (RARalpha).

## Application Notes

Optimal dilution of the PRAM1 antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids E361-R670) was used as the immunogen for the PRAM1 antibody.

## Storage

After reconstitution, the PRAM1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.