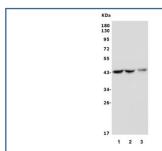


# As3mt Antibody / Cyt19 (RQ5868)

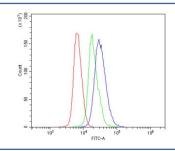
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ5868      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

## **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Mouse  |
| 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            | Q91WU5   |
| Applications       | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml |
| Limitations        | This As3mt antibody is available for research use only.                                    |



Western blot testing of mouse 1) liver, 2) heart and 3) Neuro-2a lysate with As3mt antibody. Predicted molecular weight ~42 kDa.



Flow cytometry testing of mouse spleen cells with As3mt antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= As3mt antibody.

# **Description**

AS3MT catalyzes the transfer of a methyl group from S-adenosyl-L-methionine (AdoMet) to trivalent arsenical and may play a role in arsenic metabolism. This gene is mapped to chromosome 10q24.

### **Application Notes**

Optimal dilution of the As3mt antibody should be determined by the researcher.

#### **Immunogen**

Recombinant mouse protein (amino acids M1-D346) was used as the immunogen for the As3mt antibody.

#### **Storage**

After reconstitution, the As3mt antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.