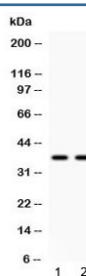


## Annexin VIII Antibody (R32683)

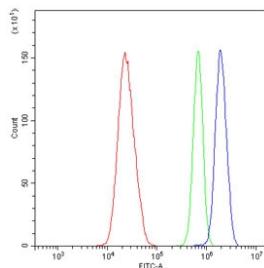
| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R32683      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**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  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide                |
| <b>UniProt</b>            | P13928  |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Flow Cytometry : 1-3ug/10 <sup>6</sup> cells |
| <b>Limitations</b>        | This Annexin VIII antibody is available for research use only.            |



Western blot testing of human 1) HeLa and 2) A549 cell lysate with Annexin VIII antibody at 0.5ug/ml. Predicted molecular weight ~37 kDa.



Flow cytometry testing of human U-2 OS cells with Annexin VIII antibody at 1ug/10<sup>6</sup> cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Annexin VIII antibody.

## Description

ANXA8 is also known as Annexin VIII. This gene encodes a member of the annexin family of evolutionarily conserved Ca2+ and phospholipid binding proteins. The encoded protein may function as an anticoagulant that indirectly inhibits the thromboplastin-specific complex. Overexpression of this gene has been associated with acute myelocytic leukemia. A highly similar duplicated copy of this gene is found in close proximity on the long arm of chromosome 10.

## Application Notes

Optimal dilution of the Annexin VIII antibody should be determined by the researcher.

## Immunogen

Amino acids 20-61 (HFNPDPDAETLYKAMKGIGTNEQAIIDVLTKRSNTQRQQIAK) from the human protein were used as the immunogen for the Annexin VIII antibody.

## Storage

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