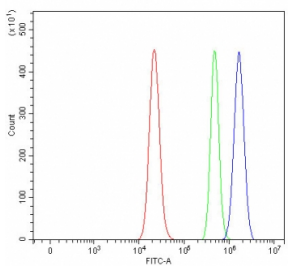
# SWAN Antibody / RBM12 (RQ7807)

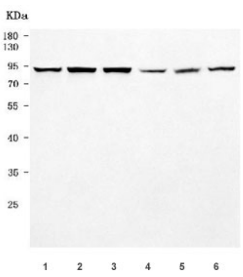
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ7807 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse, Rat |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q9NTZ6 |
| **Applications** | Western Blot : 0.5-1ug/ml<br>Flow Cytometry : 1-3ug/million cells<br>Direct ELISA : 0.1-0.5ug/ml |
| **Limitations** | This SWAN antibody is available for research use only. |




Flow cytometry testing of human RT7 cells with SWAN antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SWAN antibody.




Western blot testing of 1) human HeLa, 2) human MOLT4, 3) human Daudi, 4) rat brain, 5) mouse thymus and 6) mouse brain tissue lysate with SWAN antibody. Predicted molecular weight ~97 kDa.

## Description

RNA-binding protein 12, also called 'SH3/WW domain anchor protein in the nucleus' (SWAN) is a protein that in humans is encoded by the RBM12 gene. This gene encodes a protein that contains several RNA-binding motifs, potential transmembrane domains, and proline-rich regions. This gene and the gene for copine I overlap at map location 20q11.21. Alternative splicing in the 5' UTR results in four transcript variants. All variants encode the same protein.

## Application Notes

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

## Immunogen

E. coli-derived recombinant human protein (amino acids Q287-E909) was used as the immunogen for the SWAN antibody.

## Storage

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


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