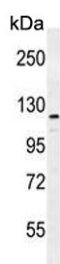


## ADAMTS18 Antibody (F55009)

| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F55009-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F55009-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

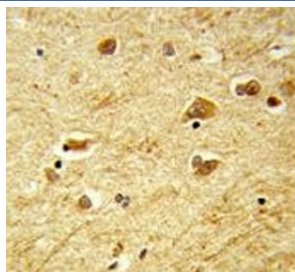
|                           |   |
|---------------------------|---|
| <b>Availability</b>       | 1-3 business days   |
| <b>Species Reactivity</b> | Human, Mouse  |
| <b>Format</b>             | Purified  |
| <b>Clonality</b>          | Polyclonal (rabbit origin)  |
| <b>Isotype</b>            | Rabbit Ig   |
| <b>Purity</b>             | Antigen affinity purified   |
| <b>UniProt</b>            | Q8TE60  |
| <b>Applications</b>       | Flow Cytometry : 1:25 (1x10e6 cells)<br>Western Blot : 1:500-1:2000<br>Immunohistochemistry (FFPE) : 1:25 |
| <b>Limitations</b>        | This ADAMTS18 antibody is available for research use only.  |



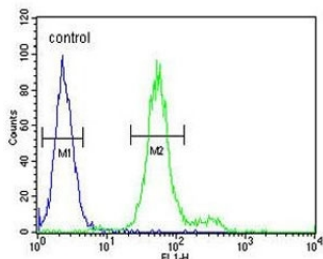
Western blot testing of human MDA-MB-231 cell lysate with ADAMTS18 antibody.  
Predicted molecular weight ~135 kDa.



Western blot testing of mouse liver tissue lysate with ADAMTS18 antibody. Predicted molecular weight ~135 kDa.



IHC testing of FFPE human brain tissue with ADAMTS18 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HEK293 cells with ADAMTS18 antibody; Blue=isotype control, Green= ADAMTS18 antibody.

## Description

ADAMTS18 is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. This protein has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the ADAMTS18 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1066-1095 from the human protein was used as the immunogen for the ADAMTS18 antibody.

## Storage

Aliquot the ADAMTS18 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.