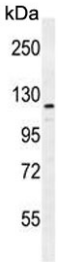
ADAMTS18 Antibody (F55009)

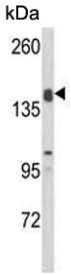
Catalog No.	Formulation	Size
F55009-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55009-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

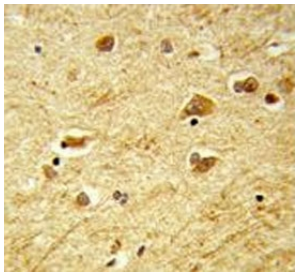
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q8TE60
Applications	Flow cytometry: 1:25 (1x10e6 cells) Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25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



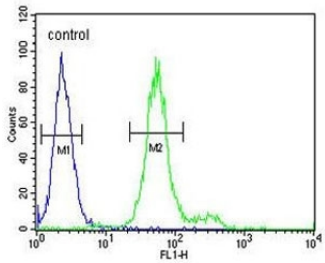
Western blot testing of human MDA-MB-231 cell lysate with ADAMTS18 antibody. Predicted molecular weight ~135 kDa.



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.

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