



Datasheet for ABIN652853
anti-ADAMTS18 antibody (C-Term)



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Overview

Quantity:	400 µL
Target:	ADAMTS18
Binding Specificity:	AA 1066-1095, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This ADAMTS18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1066-1095 amino acids from the C-terminal region of human ADAMTS18.
Clone:	RB22477
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ADAMTS18
Alternative Name:	ADAMTS18 (ADAMTS18 Products)

Target Details

Background: 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.

Molecular Weight: 135167

Gene ID: 170692

NCBI Accession: [NP_955387](#)

UniProt: [Q8TE60](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Huang, Zhan, Cao, Li, Lyu, Guo, Zhang, Ji, Ren, An, Liu, Nie, Xing: "Increased mitochondrial fission promotes autophagy and hepatocellular carcinoma cell survival through the ROS-modulated coordinated regulation of the NFKB and TP53 pathways." in: **Autophagy**, Vol. 12,

Images

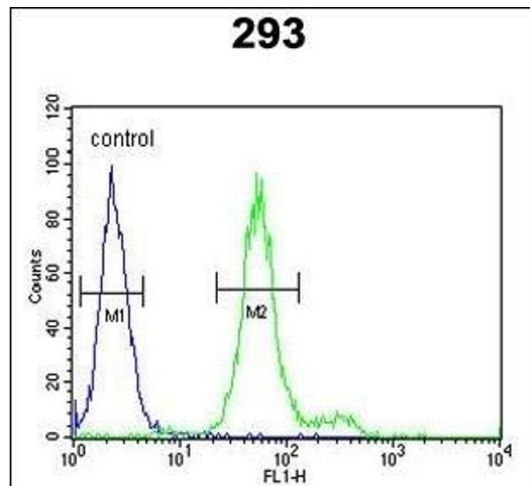
**Flow Cytometry**

Image 1. ADTS18 Antibody (C-term) (ABIN652853 and ABIN2842553) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

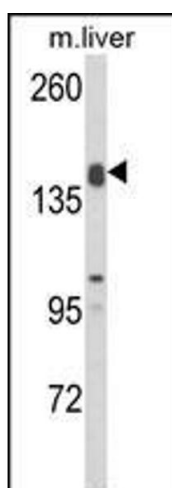
**Western Blotting**

Image 2. Western blot analysis of ADTS18 Antibody (C-term) (ABIN652853 and ABIN2842553) in mouse liver tissue lysates (35 µg/lane). ADTS18 (arrow) was detected using the purified Pab.

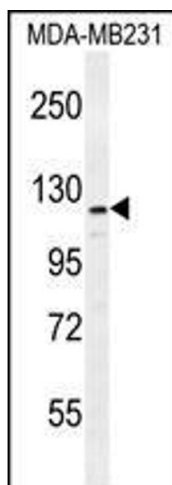
**Western Blotting**

Image 3. ADTS18 Antibody (C-term) (ABIN652853 and ABIN2842553) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the ADTS18 antibody detected the ADTS18 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652853.