



Datasheet for ABIN7426799
anti-ADAMTS4 antibody (AA 437-575)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ADAMTS4
Binding Specificity:	AA 437-575
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADAMTS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4)
Immunogen:	Recombinant A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4) corresponding to Thr437~Pro575 (Accession # O75173)
Clone:	1#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ADAMTS4. It has been selected for its ability to recognize ADAMTS4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat

Product Details

Purification: Protein A + Protein G affinity chromatography

Target Details

Target: ADAMTS4

Alternative Name: A Disintegrin And Metalloproteinase With Thrombospondin 4 ([ADAMTS4 Products](#))

Background: ADMP-1, Aggrecanase-1

Application Details

Application Notes: Western blotting: 0.5-2 µg/mL
1:500-2000 Immunohistochemistry: 5-20 µg/mL
1:50-200 Immunocytochemistry: 5-20 µg/mL
1:50-200 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

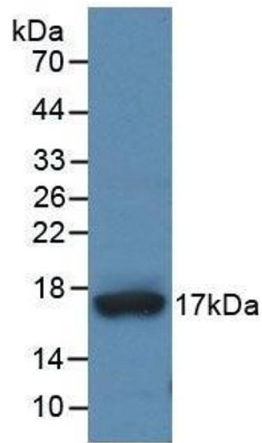
Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



Western Blotting

Image 1. Detection of Recombinant ADAMTS4, Human using Monoclonal Antibody to A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4)