ADAMTS4 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8671b

Specification

ADAMTS4 Antibody - Product Information

Application
WB, E
Primary Accession
O75173
Reactivity
Human
Predicted
Human
Host
Mouse
Clonality
monoclonal
Isotype
IgG1, κ
Clone Names
1995CT113.89.78
Calculated MW
90197

ADAMTS4 Antibody - Additional Information

Gene ID 9507

Other Names
A disintegrin and metalloproteinase with thrombospondin motifs 4, ADAM-TS 4, ADAM-TS4, ADAMTS-4, 3.4.24.82, ADMP-1, Aggrecanase-1, ADAMTS4, KIAA0688

Target/Specificity
This ADAMTS4 antibody is generated from a mouse immunized with a recombinant protein from the human region of human ADAMTS4.

Dilution
WB ~ 1:8000

Format
Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

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

Precautions
ADAMTS4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ADAMTS4 Antibody - Background

Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Could also be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. Cleaves aggrecan at the '392-Glu|-Ala-393' site.

ADAMTS4 Antibody - References


ADAMTS4 Antibody - Protein Information

Name ADAMTS4
Synonyms KIAA0688
Function
Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Could also be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease. Cleaves aggrecan at the '392-Glu|-Ala-393' site.

Cellular Location
Secreted, extracellular space, extracellular matrix

Tissue Location

ADAMTS4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture