



ADAMTS-19 Monoclonal Antibody

Catalog No	YP-mAb-02482
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ADAMTS19
Immunogen	The antiserum was produced against synthesized peptide derived from human ADAMTS19. AA range:251-300
Specificity	ADAMTS-19 Monoclonal Antibody detects endogenous levels of ADAMTS-19 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	A disintegrin and metalloproteinase with thrombospondin motifs 19;ADAM-TS 19; ADAM-TS19;ADAMTS-19;EC:3.4.24.;ADAMTS19
Observed Band	140kD
Calculated Molecular Weight	140kD
Cell Pathway	Secreted, extracellular space, extracellular matrix .
Tissue Specificity	Expressed in fetal lung, but not in any adult tissues examined. Expression was detected in an osteosarcoma cDNA library.
Function	cofactor: Binds 1 zinc ion per subunit.,domain:The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme.,PTM:The precursor is cleaved by a furin endopeptidase.,similarity:Contains 1 disintegrin domain.,similarity:Contains 1 peptidase M12B domain.,similarity:Contains 1 PLAC domain.,similarity:Contains 5 TSP type-1 domains.,tissue specificity:Expressed in fetal lung, but not in any adult tissues examined. Expression was detected in an osteosarcoma cDNA library.,



Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family 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. The protein encoded by this gene has high sequence similarity to the protein encoded by ADAMTS16, another family member. [provided by RefSeq, Jul 2008],

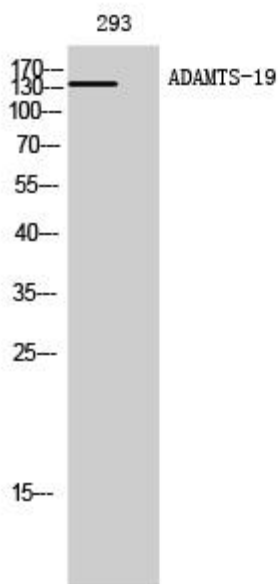
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ADAMTS-19 Monoclonal Antibody