

Datasheet for ABIN7427852
anti-MSTN antibody (AA 267-375)

6 Images

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Overview

Quantity:	100 µL
Target:	MSTN
Binding Specificity:	AA 267-375
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MSTN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Myostatin (MSTN)
Immunogen:	Recombinant Myostatin (MSTN) corresponding to Asp267~Ser375 with N-terminal His Tag
Clone:	A4
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MSTN. It has been selected for its ability to recognize MSTN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

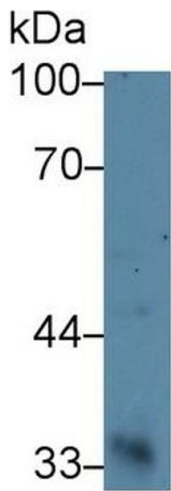
Target:	MSTN
Alternative Name:	Myostatin (MSTN Products)
Background:	GDF8, Growth Differentiation Factor 8

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

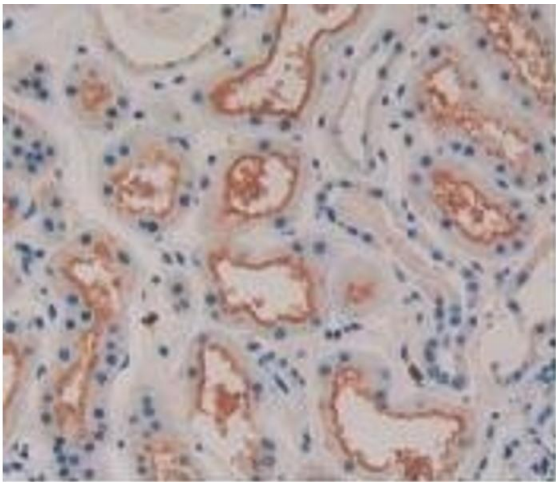
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



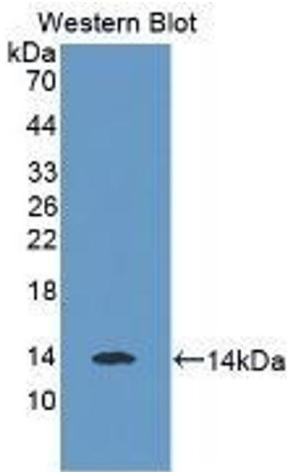
Western Blotting

Image 1. Detection of MSTN in Rat Heart lysate using Monoclonal Antibody to Myostatin (MSTN)



Immunohistochemistry

Image 2. Detection of MSTN in Human Kidney Tissue using Monoclonal Antibody to Myostatin (MSTN)



Western Blotting

Image 3. Detection of Recombinant MSTN, Human using Monoclonal Antibody to Myostatin (MSTN)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7427852.