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Datasheet for ABIN7425818 anti-Gelsolin antibody (AA 432-553)

5 Images



Overview

Quantity:	100 µL
Target:	Gelsolin (GSN)
Binding Specificity:	AA 432-553
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

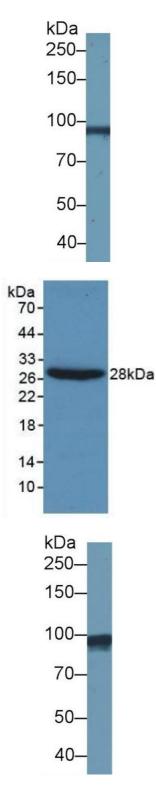
Product Details

Purpose:	Monoclonal Antibody to Gelsolin (GSN)
Immunogen:	Recombinant Gelsolin (GSN) corresdonding to Ala432~Arg553 with N-terminal His and GST Tag
Clone:	C1
lsotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against GSN. It has been selected for its ability to recognize GSN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chinese Hamster, Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	Gelsolin (GSN)
Alternative Name:	Gelsolin (GSN Products)
Background:	GS, AGEL, ADF, Brevin, Gelsolin Amyloidosis, Finnish Type, Actin-depolymerizing factor
Pathways:	Caspase Cascade in Apoptosis, Regulation of Actin Filament Polymerization, Autophagy
Application Details	
Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5- 30 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:	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

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Western Blotting

Image 1. Detection of GSN in Bovine Skeletal muscle lysate using Monoclonal Antibody to Gelsolin (GSN)

Western Blotting

Image 2. Detection of Recombinant Gelsolin, Human using Monoclonal Antibody to Gelsolin (GSN)

Western Blotting	
Image 3. Detection of GSN in Human Lung lysate using	
Monoclonal Antibody to Gelsolin (GSN)	

Please check the product details page for more images. Overall 5 images are available for ABIN7425818.

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