

Gelsolin Polyclonal Antibody

Catalog NumberPA5-18605

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	Tested Applications	
Class	Polyclonal	Flow Cytometry (Flow)	10 µg/mL
Type	Antibody	Western Blot (WB)	0.1-2 µg/mL
Immunogen	Synthetic peptide sequence (PRLKDKKMDAHP) corresponding to the internal amino acids of GSN	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with canine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 128,000.

Background/Target Information

The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.

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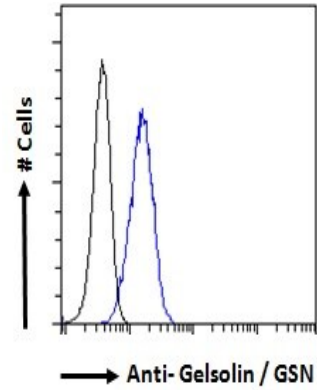
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Product Images For Gelsolin Polyclonal Antibody



Gelsolin Antibody (PA5-18605) in WB

Western blot analysis of Gelsolin using Gelsolin Polyclonal Antibody (Product # PA5-18605) (1 µg/mL) in staining of Human Colorectal cancer lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Gelsolin Antibody (PA5-18605) in Flow

Flow cytometric analysis of Gelsolin in HeLa cells using a polyclonal antibody (Product #PA5-18605). HeLa cells (blue line) were paraformaldehyde fixed and permeabilized with 0.5% Triton. The primary antibody was incubated for one hour (10 µg/mL) followed by an Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) followed by an Alexa Fluor 488 secondary antibody.

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