

## ARG64049 anti-Gelsolin antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes Gelsolin
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	FACS, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_000168.1 and NP_937895.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Gelsolin
Species	Human
Immunogen	C-PRLKDKKMDAHP
Conjugation	Un-conjugated
Alternate Names	ADF; Actin-depolymerizing factor; Brevin; AGEL; Gelsolin

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.1 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

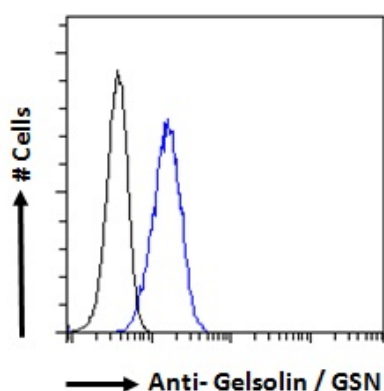
Database links	<a href="#">GeneID: 2934 Human</a> <a href="#">Swiss-port # P06396 Human</a>
Background	The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly 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. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	86 kDa
PTM	Phosphorylation on Tyr-86, Tyr-409, Tyr-465, Tyr-603 and Tyr-651 in vitro is induced in presence of phospholipids.

## Images



ARG64049 anti-Gelsolin antibody WB image

Western blot: 35 µg of Human colorectal cancer tissue lysate (in RIPA buffer) stained with ARG64049 anti-Gelsolin antibody at 1 µg/ml dilution and incubated at RT for 1 hour.



ARG64049 anti-Gelsolin antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HeLa cells permeabilized with 0.5% Triton. Cells were stained with ARG64049 anti-Gelsolin antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).