

Datasheet for ABIN185735

anti-Gelsolin antibody (Internal Region)



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2 Images

Overview

Quantity:	100 µg
Target:	Gelsolin (GSN)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Gelsolin / GSN
Immunogen:	Peptide with sequence C-PRLKDKKMDAHP, from the internal region of the protein sequence according to NP_000168.1, NP_937895.1.
Sequence:	PRLKDKKMDA HP
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoforms a, b, c, d, e, f, g, h
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

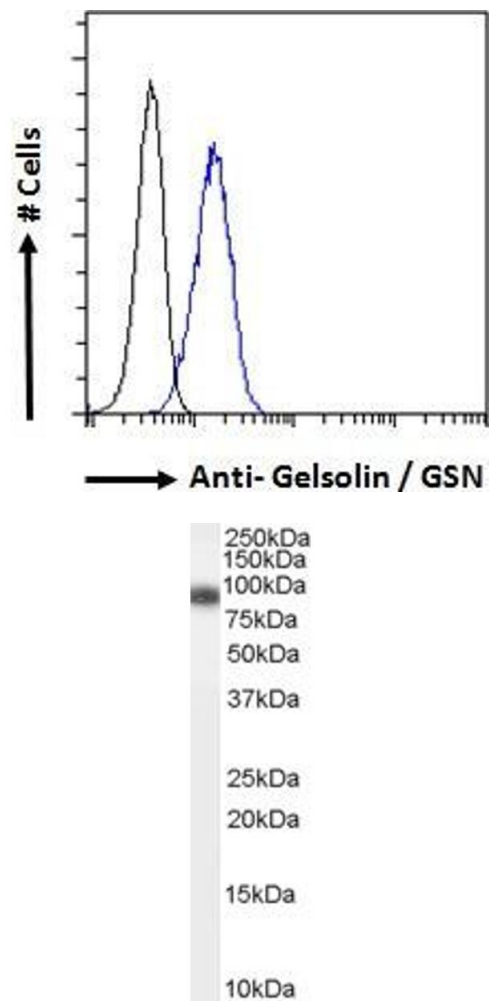
Target:	Gelsolin (GSN)
Alternative Name:	GSN
Background:	GSN , , gelsolin, gelsolin (amyloidosis, Finnish type) , DKFZp313L0718
Gene ID:	2934, 227753, 296654
NCBI Accession:	NP_000168 , NP_937895 , NP_001121138 , NP_001244958 , NP_001244959 , NP_001121135 , NP_001340005 , NP_001340007
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	Western Blot: Approx 90 kDa observed in Human Colorectal cancer lysates and in preliminary testing of Human Spleen and Parathyroid lysate (calculated MW of 85.7 kDa according to NP_000168.1). Recommended concentration: 0.1-2 µg/mL. Primary incubation 1 ho Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Flow Cytometry

Image 1. ABIN185735 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Image 2. ABIN185735 (0.1µg/ml) staining of Human Spleen lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.