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Research Use Only. Not for diagnostic or therapeutic use.

EB07503 - Goat Anti-Gelsolin / GSN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GSN, gelsolin, gelsolin (amyloidosis, Finnish type), DKFZp313L0718

Official Symbol: GSN

Accession Number(s): NP_000168.1; NP_937895.1; NP_001121138.1; NP_001244958.1; NP_001244959.1; NP_001121135.2; NP_001340005.1;

NP_001340007.1

Human GeneID(s): 2934

Non-Human GenelD(s): 227753 (mouse), 296654 (rat)

Important Comments: This antibody is expected to recognize isoforms a, b, c, d, e, f, g,

h

Immunogen

Peptide with sequence C-PRLKDKKMDAHP, from the internal region of the protein sequence according to NP_000168.1; NP_937895.1; NP_001121138.1; NP_001244958.1; NP_001244959.1; NP_001121135.2; NP_001340005.1; NP_001340007.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 90kDa observed in Human Colorectal cancer lysates and in prelominary testing of Human Spleen and Parathyroid lysate (calculated MW of 85.7kDa according to NP_000168.1). Recommended concentration: 0.1-2µg/ml. Primary incubation 1 hour at room temperature.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

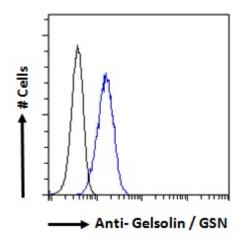
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07503 (1μg/ml) staining of Human Colorectal cancer lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB07503 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.