

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB07710 - Goat Anti-Galectin 3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: LGALS3, lectin, galactoside-binding, soluble, 3, CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2, IgE-binding protein, MAC-2 antigen, carbohydrate-binding protein 35, galactose-specific lectin 3, galectin 3, galectin-3 internal

gene, laminin-binding protein, lectin, galactoside-binding, soluble, 3 (galectin 3)

Official Symbol: LGALS3

Accession Number(s): NP_002297.2

Human GeneID(s): 3958

Immunogen

Peptide with sequence CNTKLDNNWGREERQ, from the internal region of the protein sequence according to NP_002297.2.

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

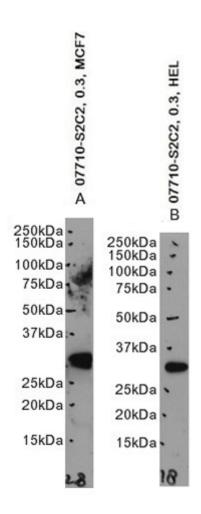
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx. 28kDa band observed in Human Colon, Lung and Colorectal Cancer lysates, and approx. 30kDa in lysates of cell lines HeLa and MCF7 (calculated MW of 26.2kDa according to NP_002297.2). Recommended concentration: 0.3-1ug/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

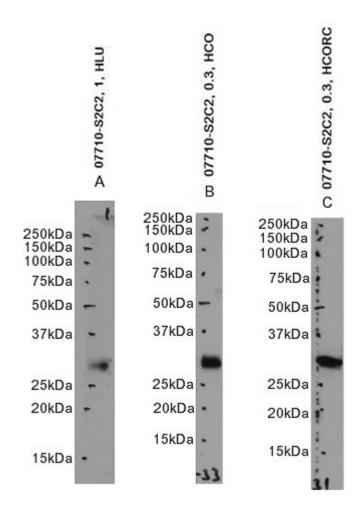
Tested: Human

Expected from sequence similarity: Human



EB07710 optimised QC. Primary incubation 1 hour at room temperature.

Images A, B: MCF7 and HeLa cell lysate at primary Ab concentration 0.3ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB07710 optimised QC. Primary incubation 1 hour at room temperature.

Image A: Human Lung lysate at primary Ab concentration 1ug/ml. Images B, C: Human Colon and Colorectal Cancer lysate at primary Ab concentration 0.3ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.