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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

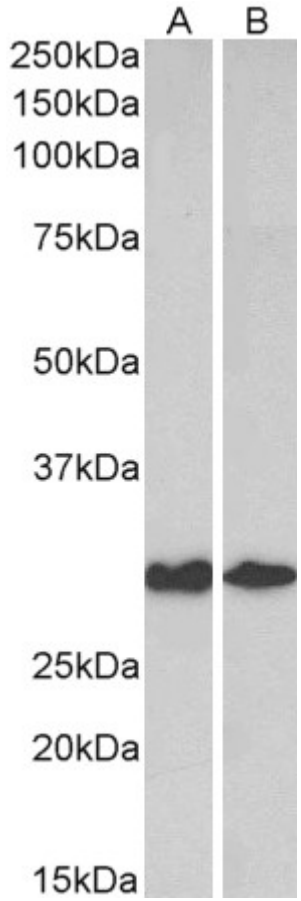
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 30kDa band observed in Human and Mouse Colon lysates (calculated MW of 26.2kDa according to NP_002297.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lotz et al, Proc Natl Acad Sci U S A. 1993 Apr 15;90(8):3466-70. PMID: 7682704). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human, Mouse
Expected from sequence similarity: Human, Mouse, Rat



EB07710 (0.3µg/ml) staining of Human (A) and Mouse (B) Colon lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.