

## Goat anti-Galectin 3 Antibody

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| <b>Item Number</b>     | dAP-3196  |
| <b>Target Molecule</b> | Principle Name: Galectin 3; Official Symbol: LGALS3; All Names and Symbols: 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; le; Accession Number (s): NP_002297.2; Human Gene ID(s): 3958; Non-Human GeneID (s): |
| <b>Immunogen</b>       | CNTKLDNNWGREERQ, is from internal region  |
| <b>Applications</b>    | Pep ELISA, WB<br>Species Tested: Human, Mouse   |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Supplied As</b>     | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.<br>Aliquot and store at -20°C. Minimize freezing and thawing.  |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 128000.   |
| <b>Western Blot</b>    | 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 Ac  |
| <b>IHC</b>             |   |
| <b>Reference</b>       | Reference(s): Pilette C, Colinet B, Kiss R, Andre S, Kaltner H, Gabius HJ, Delos M, Vaerman JP, Decramer M, Sibille Y. Increased galectin-3 expression and intraepithelial neutrophils in small airways in severe chronic obstructive pulmonary disease. Eur Respir J. 2007 Jan 24; [Epub ahead of print] .PMID: 17251233   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**