



Polyclonal Antibody against Human Galectin-3

Catalog Number: 11690

Size: 100 µg

Host: Rabbit

Introduction to the Molecule

Galectin-3 is expressed by a wide range of cell types including activated T cells, tumor cells, macrophages, osteoclasts, fibroblasts and epithelial cells. Galectin-3 has specific binding affinity for beta-galactoside sugar moieties and has functional roles during development, innate immunity, cell apoptosis and tumor metastasis. Galectin-3 is associated with cancer, heart failure, stroke and inflammation.

Purification

Antigen affinity-purified

Immunogen

Recombinant human galectin-3 (Cat. No.: 41690) in *E.coli*.

Specificity

The antibody detects human galectin-3 in western blot and ELISA.

Formulation & Storage

Liquid in phosphate-buffered saline (PBS). Store at -20°C for less than one week. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

Application/Usage

Western blot - This antibody can be used as primary antibody in western blot assay to detect human galectin-3.

ELISA - This antibody can be used as capture antibody in Human Galectin-3 ELISA (Cat. No.: 31690).

Quality Control Test

BCA to determine quantity of the antibody.