

**Anti-Human Galectin-3 Antibody**  
**Catalog # ABG10127****Specification**

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**Anti-Human Galectin-3 Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**Anti-Human Galectin-3 Antibody - Additional Information****Preparation**

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hGalectin-3. Anti-Human Galectin-3 specific antibody was purified by affinity chromatography employing immobilized hGalectin-3 matrix.

**WesternBlot**

To detect hGalectin-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hGalectin-3 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect hGalectin-3 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human Galectin-3 (60-155BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hGalectin-3.

**Immunohistochemistry**

This antibody stained formalin-fixed paraffin-embedded sections of human pancreas infiltrating ductal adenocarcinoma tissue. The recommended concentration is 31.25 ng/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Optimal results for these conditions were achieved with heat induced antigen retrieval with a pH 6.0 sodium citrate buffer. Optimal concentrations and conditions may vary.

**Formulation**

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

**Reconstitution**

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

**Storage**

-20°C

**Precautions**

Anti-Human Galectin-3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## **Anti-Human Galectin-3 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Anti-Human Galectin-3 Antibody - Images**