

Product datasheet

Biotin Anti-Galectin 3 antibody ab84238

Overview

Product name	Biotin Anti-Galectin 3 antibody
Description	Biotin Rabbit polyclonal to Galectin 3
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: Sandwich ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Highly pure (>98%) recombinant Human Galectin 3.

 [Run BLAST with ExPASy](#)  [Run BLAST with NCBI](#)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Lyophilized:Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	ab84238 was purified by affinity chromatography and then biotinylated and filter sterilised.
Clonality	Polyclonal
Isotype	IgG

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab84238 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		Use a concentration of 0.25 - 1 µg/ml.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 26 kDa.

Target

Function	Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis.
Tissue specificity	A major expression is found in the colonic epithelium. It is also abundant in the activated macrophages.
Sequence similarities	Contains 1 galectin domain.
Cellular localization	Nucleus. Cytoplasmic in adenomas and carcinomas. May be secreted by a non-classical secretory pathway and associate with the cell surface.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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