

Data Sheet

GALECTIN-2 (*SUBERITES DOMUNCULA*)

ANTIBODY, POLYCLONAL

Catalog no.:	AC1002.1 / AC1002.2
Immunogen:	Recombinant Galectin-2 (<i>Suberites domuncula</i>)
Swiss-Prot No:	Q1MSI8
Gene Information:	Gene Name: galec2
Host:	Rabbit
Matrix:	Serum
Specificity:	Galectin-2 (<i>Suberites domuncula</i>)
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	ELISA (1:75 000), Western Blot (1:7500) ¹ , immunoprecipitation (1:50) ¹ , immunohistochemistry (resin sections, 1:750) ¹ This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); -20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Schröder HC, Boreiko A, Korzhev M, Tahir MN, Tremel W, Eckert C, Ushijima H, Müller IM, Müller WE (2006). Co-expression and functional interaction of silicatein with galectin: matrix-guided formation of siliceous spicules in the marine demosponge <i>Suberites domuncula</i> . <i>J Biol Chem</i> 281 (17): 12001-12009.
Last updated on:	18 August 2016

For research use only

Publishing research using AC1002? Please let us know so that we can cite your publication as a reference.

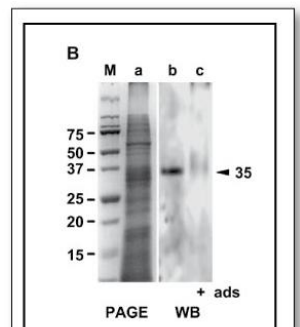


Figure 1: Western Blot analysis of AC1002 specificity. Crude extract from *S. domuncula* tissue was separated by SDS-PAGE and immunoblotted with AC1002. Lane a: Crude extract stained with Coomassie Brilliant Blue. Lane b: AC1002 detects native Galectin-2 protein (35-kDa). Lane c: AC1002 preabsorbed with recombinant Galectin-2. m, size marker.

Schröder HC et al. (2006) *J Biol Chem* **281**(17):12001-9.

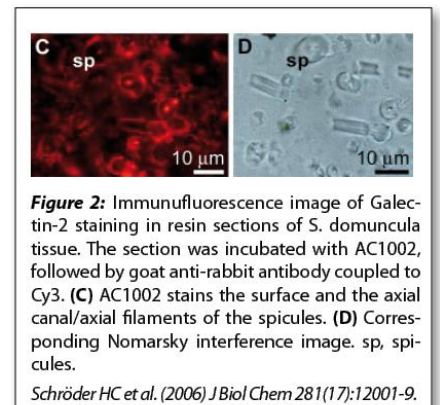


Figure 2: Immunofluorescence image of Galectin-2 staining in resin sections of *S. domuncula* tissue. The section was incubated with AC1002, followed by goat anti-rabbit antibody coupled to Cy3. (C) AC1002 stains the surface and the axial canal/axial filaments of the spicules. (D) Corresponding Nomarsky interference image. sp, spicules.

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