

## Product datasheet for AP02095SU-N

## **Galectin 2 (LGALS2) Rabbit Polyclonal Antibody**

**Product data:** 

Product Type: Primary Antibodies

Applications: ELISA, IF, IHC, IP, WB

**Recommended Dilution:** ELISA (1/75,000).

Western blot (1/7,500). Immunoprecipitation: 1/50.

Immunohistochemistry on Resin Sections (1/750).

**Host:** Rabbit

**Clonality:** Polyclonal

**Immunogen:** Recombinant Galectin-2 from *Suberites domuncula*.

**Specificity:** This antibody detects Galectin-2

Formulation: State: Serum

State: Lyophilized serum

**Reconstitution Method:** Restore in aqua bidest to initial volume.

Conjugation: Unconjugated

Storage: Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month

or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

Gene Name: galectin 2

Database Link: P05162

**Background:** Galectins are a family of soluble beta-galactoside-binding animal lectins that modulate cell-to-

cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Galectin 2, , also known as LGALS2, Lactose-binding lectin 2 or HL14, is structurally closely related to galectin 1, but is expressed primarily in the gastrointestinal tract. Galectin 2 induces apoptosis in activated T cells and binds to the cytokine lymphotoxin-alpha (LTA) with possible implications in risk of myocardial infarction.

Synonyms: LGALS2, Lactose-binding lectin 2, S-Lac lectin 2, HL14



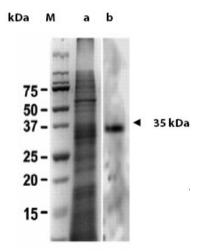
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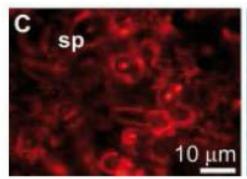
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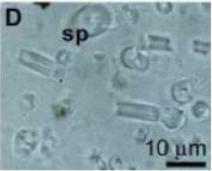


## **Product images:**



The figure shows SDS-PAGE and WESTERN BLOTTING: (a) SDS-Page of crude extract of Suberites domuncula (b) Size-separated proteins were transferred to membranes and reacted with antibody. (M) Molecular mass marker proteins





Immunofluorescence of Galectin-2 staining in resin sections of S. domuncula tissue. The section was incubated with AP02095SU followed by Goat anti-Rabbit antibody coupled to Cy3. (C) AP02095SU stains the surface and the axial canal/axial filaments of the spicules. (D) corresponding Nomarsky interference image. sp, spicules. Schroder HC et al. (2006) J Biol Chem 281 (17): 12001-12009.