

Datasheet for ABIN6939563
anti-LGALS13 antibody (AA 23-134)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | LGALS13 |
| Binding Specificity: | AA 23-134 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This LGALS13 antibody is un-conjugated |
| Application: | Immunohistochemistry (IHC), ELISA, Coating (Coat), Staining Methods (StM) |

Product Details

| | |
|--------------|--|
| Immunogen: | Recombinant human Galectin-13 protein fragment (aa23-134) |
| Clone: | PP13-1162 |
| Isotype: | IgG2b kappa |
| Specificity: | It recognizes a 32 kDa protein, which is identified as homodimer of galectin-13 (also known as PP13). Galectins are a family of soluble -galactoside-binding 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. One such member, galectin-13, is a 139 amino acid protein that contains one galectin domain. Possessing lysophospholipase activity, galectin-13 exists as a disulfide-linked homodimer. Galectin-13 is suggested to have a developmental role in the placenta and may display immunobiological activity in feto-maternal blood-spaces. Screening for galectin-13 in maternal serum during the first trimester of |

Product Details

pregnancy may serve as a diagnostic marker to predict preterm pre-eclampsia.

Purification: Purified by Protein A/G

Target Details

Target: LGALS13

Alternative Name: LGALS13 ([LGALS13 Products](#))

Molecular Weight: 16kDa (monomer), 32kDa (homodimer)

Gene ID: 29124

UniProt: [Q9UHV8](#)

Application Details

Application Notes: Positive Control: K-562 cells. Placenta or Spleen.
Known Application: ELISA (For coating, order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0 or 10 mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

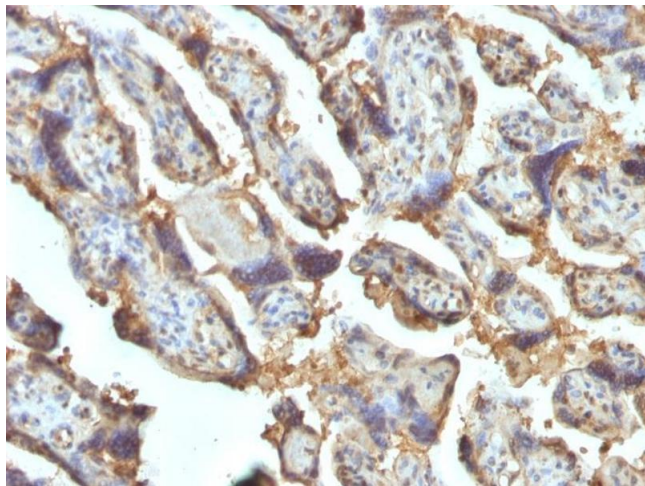
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human Placenta stained with Galectin-13 / PP13 Monoclonal Antibody (PP13/1162).