

Datasheet for ABIN6939562  
**anti-LGALS13 antibody (AA 23-134)**

## 5 Images

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## 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:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blotting (WB), Staining Methods (StM)

## Product Details

Immunogen:	Recombinant human Galectin-13 protein fragment (aa23-134)
Clone:	PP13-1161
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

## Product Details

blood-spaces. Screening for galectin-13 in maternal serum during the first trimester of 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: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Western Blot (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 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.

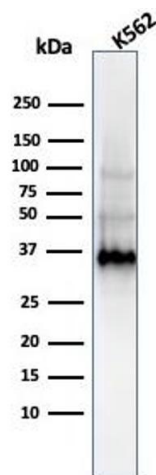
Preservative: Sodium azide

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

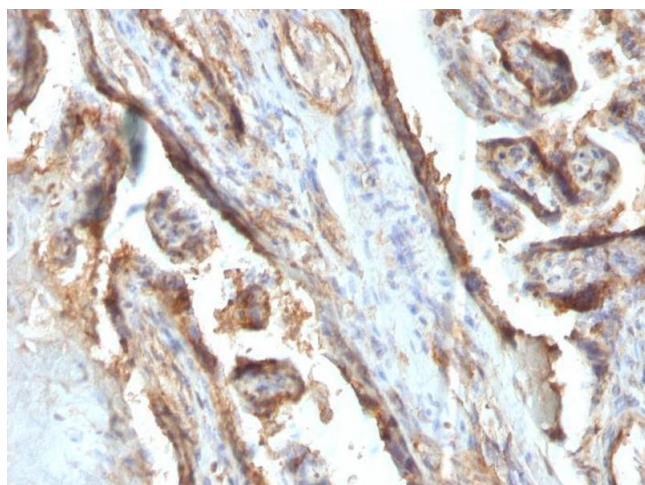
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



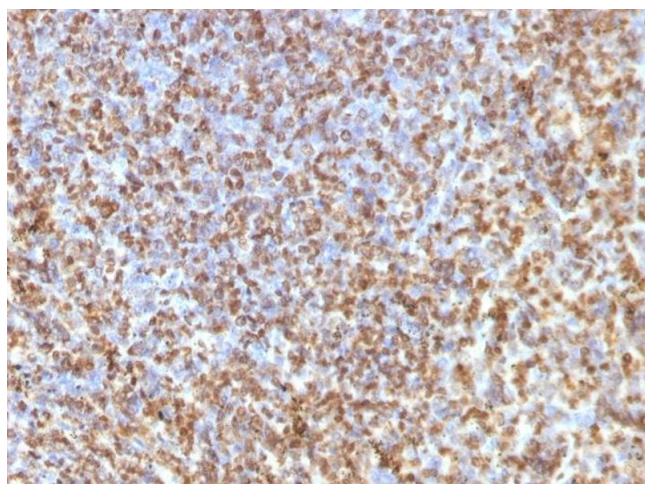
### Western Blotting

**Image 1.** Western Blot of K562 Cell Lysate using Galectin-13 MAb (PP13/1161).



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Placenta stained with Galectin-13 Monoclonal Antibody (PP13/1161).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Spleen stained with Galectin-13 Monoclonal Antibody (PP13/1161).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6939562.