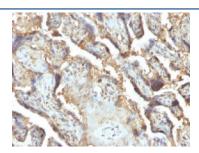


# LGALS13 Antibody / Galectin 13 [clone PP13/1165] (V3339)

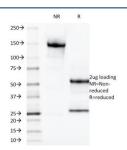
| Catalog No.    | Formulation  | Size   |
|----------------|--|--------|
| V3339-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3339-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V3339SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

# **Bulk quote request**

| Availability       | 1-3 business days  |
|--------------------|--|
| Species Reactivity | Human  |
| Format             | Purified   |
| Clonality          | Monoclonal (mouse origin)  |
| Isotype            | Mouse IgG2b, kappa   |
| Clone Name         | PP13/1165  |
| Purity             | Protein G affinity chromatography  |
| UniProt            | Q9UHV8   |
| Localization       | Cytoplasmic, cell surface  |
| Applications       | ELISA (order BSA/sodium Azide-free Format For Coating) : Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT |
| Limitations        | This LGALS13 antibody is available for research use only.  |



IHC testing of FFPE human placenta with LGALS13 antibody (clone PP13/1165). Required HIER: boil tissue sections in 10mM Tris with 1mM EDTA, pH 9 or 10mM Citrate buffer, pH 6, for 10-20.



SDS-PAGE Analysis of Purified, BSA-Free LGALS13 Antibody (clone PP13/1165). Confirmation of Integrity and Purity of the Antibody.

## **Description**

It recognizes a 32kDa protein, which is identified as homodimer of LGALS13/Galectin 13 (also known as PP13). Galectins are a family of soluble  $\hat{l}^2$ -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, LGALS13, is a 139 amino acid protein that contains one galectin domain. Possessing lysophospholipase activity, LGALS13 exists as a disulfide-linked homodimer. LGALS13 is suggested to have a developmental role in the placenta and may display immunobiological activity in feto-maternal blood-spaces. Screening for LGALS13/Galectin 13 in maternal serum during the first trimester of pregnancy may serve as a diagnostic marker to predict preterm pre-eclampsia.

## **Application Notes**

Titering of the LGALS13 antibody may be required for optimal performance.

## **Immunogen**

A human partial recombinant protein corresponding to amino acids 23-134 was used as the immunogen for the LGALS13 antibody.

## **Storage**

Store the LGALS13 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).