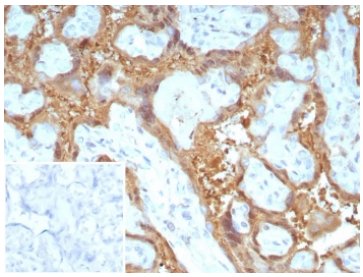
Galectin 13 Antibody / LGALS13 / GAL13 [clone PP13/8897] (V5623)

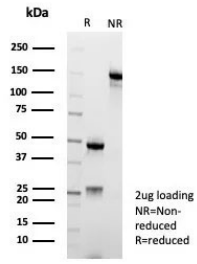
Catalog No.	Formulation	Size
V5623-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5623-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5623SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	PP13/8897
Purity	Protein A/G affinity
UniProt	Q9UHV8
Localization	Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Galectin 13 antibody is available for research use only.



IHC staining of FFPE human placental tissue with Galectin-13 antibody (clone PP13/8897). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Galectin-13 antibody (clone PP13/8897) as confirmation of purity and integrity of antibody.

Description

It recognizes a 32kDa protein, which is identified as homodimer of galectin-13 (also known as PP13). Galectins are a family of soluble beta-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 pregnancy may serve as a diagnostic marker to predict preterm pre-eclampsia.

For additional information and reagents targeting this placenta-enriched lectin, visit our Galectin 13 Antibody / Placental Galectin Marker page.

Application Notes

Optimal dilution of the Galectin 13 antibody should be determined by the researcher.

Immunogen

A recombinant human Galectin-13 protein fragment (amino acids 1-139) was used as the immunogen for the Galectin 13 antibody.

Storage

Aliquot the Galectin 13 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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