

Syndecan-4 Blocking Peptide
Catalog # PBV10289b**Specification**

Syndecan-4 Blocking Peptide - Product Information

Primary Accession	P31431
Gene ID	6385
Calculated MW	21642

Syndecan-4 Blocking Peptide - Additional Information**Gene ID** 6385**Application & Usage**

The peptide is used for blocking the antibody activity of Syndican-4. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C

Other Names

Syndecan-4, SYND4, Amphiglycan, Ryudocan core protein, SDC4

Target/Specificity

Syndecan-4

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 40% glycerol, 0.5% BSA and 0.01% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Syndecan-4 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Syndecan-4 Blocking Peptide - Protein Information**Name** SDC4 ([HGNC:10661](#))**Function**

Cell surface proteoglycan which regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:22660413).

Cellular Location

[Isoform 1]: Membrane; Single-pass type I membrane protein. Secreted. Note=Shedding of the ectodomain produces a soluble form.

Tissue Location

Detected in fibroblasts (at protein level) (PubMed:36213313, PubMed:1500433). Also expressed in epithelial cells (PubMed:1500433).

Syndecan-4 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Syndecan-4 Blocking Peptide - Images