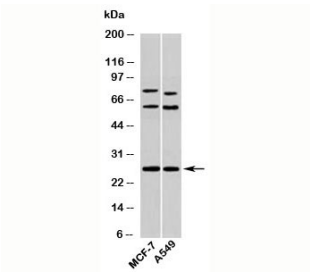
Syndecan 4 Antibody (N1024)

Catalog No.	Formulation	Size
N1024-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug

Bulk quote request

Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Protein A affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	6385
Applications	Western Blot : 2-5ug/ml
Limitations	This **Syndecan 4 antibody** is available for research use only.



Western blot testing of human samples with Syndecan 4 antibody at 2ug/ml.

Description

Syndecans are a family of four transmembrane proteoglycans divided into two subfamilies based on transmembrane and cytoplasmic domain similarity: Syndecan 1/3 and 2/4. Via their covalently attached heparan sulphate chains, they bind a variety of ligands and play a role in a number of cell functions including adhesion, proliferation and migration. Syndecan 4 is highly expressed on the cell surface of epithelial cells and fibroblasts and plays an important role in tissue repair. Integrin-mediated binding of fibronectin to Syndecan-4 induces focal adhesions and formation of cytoskeletal stress fibers, facilitating wound healing.

Application Notes

Provided assay concentrations are suggestions only, antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from the N-terminal region of human Syndecan 4 was used as the immunogen for this antibody.

Storage

Aliquot the Syndecan 4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

SYND4, SDC4

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