

## ARG20194 anti-Syndecan 4 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Syndecan 4
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-Fr, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Syndecan 4
Species	Human
Immunogen	Synthetic peptide surrounding amino acid 184 of human Syndecan-4
Conjugation	Un-conjugated
Alternate Names	Amphiglycan; Ryudocan core protein; SYND4; Syndecan-4

### Application Instructions

Application table	Application	Dilution
	ICC/IF	5 - 10 µg/ml
	IHC-Fr	5 -25 µg/ml
	IHC-P	5 - 10 µg/ml
	IP	5 - 10 µg/ml
	WB	0.5 - 4 µg/ml

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity Purified Antibody
Buffer	PBS (pH 7.2), 30% Glycerol, 0.5% BSA and 0.01% Thimerosal
Preservative	0.01% Thimerosal
Stabilizer	30% Glycerol, 0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Background

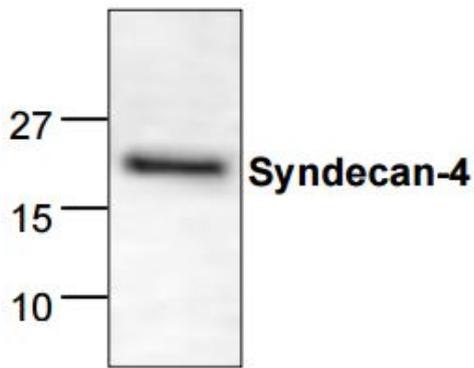
Syndecans are type I integral membrane proteoglycans that are involved in cell-extracellular matrix adhesion and growth factor binding. Syndecan-1 is an matrix receptor which binds to Collagens, Fibronectin and Thrombospondin. Syndecan-1 and Syndecan-3 interact with MK (midkine), a growth/differentiation factor involved in embryogenesis. Syndecan-2 is highly expressed at areas of high morphogenetic activity, such as epithelial-mesenchymal interfaces and the prechondrogenic and preosteogenic mesenchymal condensations. Syndecan-4 functions cooperatively with integrins in the processes of cell spreading and focal adhesion assembly.

Calculated Mw

22 kDa

## Images

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ARG20194 anti-Syndecan 4 antibody WB image

Western blot: Jurkat cell lysate stained with ARG20194 anti-Syndecan 4 antibody.