



Syndecan-4 Monoclonal Antibody

Catalog No	YP-mAb-04232
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SDC4
Immunogen	The antiserum was produced against synthesized peptide derived from human Syndecan4. AA range:145-194
Specificity	Syndecan-4 Monoclonal Antibody detects endogenous levels of Syndecan-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Amphiglycan;Ryudocan core protein;SYND4;syndecan 4;Syndecan-4;SDC4
Observed Band	22kD
Calculated Molecular Weight	22kD
Cell Pathway	[Isoform 1]: Membrane ; Single-pass type I membrane protein . Secreted . Shedding of the ectodomain produces a soluble form. .; [Isoform 2]: Secreted.
Tissue Specificity	Expressed in epithelial and fibroblastic cells.
Function	function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan.,similarity:Belongs to the syndecan proteoglycan family., subunit:Homodimer. Interacts with CDCP1, with GIPC PDZ domain and with NUDT16L1/SDOS (By similarity). Interacts with SDCBP.,tissue specificity:Expressed in epithelial and fibroblastic cells.,
Background	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been



found on chromosome 22. [provided by RefSeq, Jul 2008],

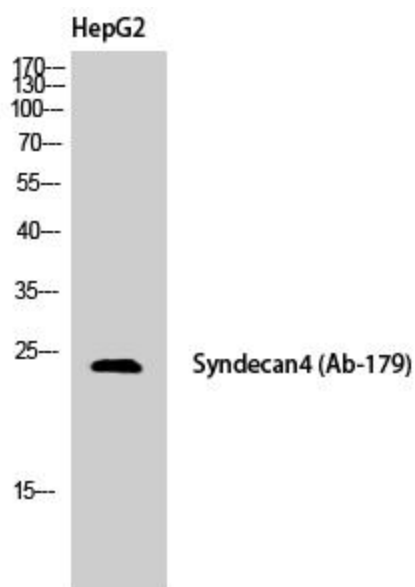
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using Syndecan-4 Monoclonal Antibody