



Syndecan-4 Monoclonal Antibody

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| Catalog No | BYmab-04232 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | SDC4 |
| Protein Name | Syndecan-4 |
| 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 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | SDC4; Syndecan-4; SYND4; Amphiglycan; Ryudocan core protein |
| Observed Band | 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], |

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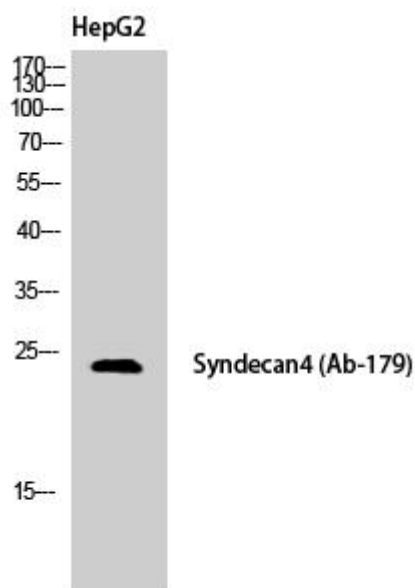
matters needing attention

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