

Endoglycan Polyclonal Antibody

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|------------------------------|---|
| Catalog No : | YT5684 |
| Reactivity : | Human;Mouse |
| Applications : | WB;ELISA |
| Target : | Endoglycan |
| Gene Name : | PODXL2 |
| Protein Name : | Podocalyxin-like protein 2 |
| Human Gene Id : | 50512 |
| Human Swiss Prot No : | Q9NZ53 |
| Mouse Swiss Prot No : | Q8CAE9 |
| Immunogen : | Synthesized peptide derived from the Internal region of human Endoglycan. |
| Specificity : | Endoglycan Polyclonal Antibody detects endogenous levels of Endoglycan protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 65kD |

Background : This gene is a member of the CD34 family of cell surface transmembrane proteins, which are characterized by an N-terminal extracellular mucin domain, globular and stalk domains, a single pass transmembrane region, and a charged cytoplasmic tail. The encoded protein is a ligand for vascular selectins. [provided by RefSeq, Oct 2012],

Function : PTM:Glycosylated; contains chondroitin sulfate. Displays sialylated O-linked oligosaccharides.,PTM:Sulfation and sialylated O-linked oligosaccharides are necessary for SELL/L-selectin binding.,similarity:Belongs to the podocalyxin family.,subunit:Homodimer; disulfide-linked. Binds to SELL/L-selectin.,tissue specificity:Highly expressed in brain. Moderately expressed in pancreas, kidney and lymphoid node. Weakly expressed in liver. Detected in both endothelial cells and CD34+ bone marrow cells.,

Subcellular Location : Membrane ; Single-pass type I membrane protein .

Expression : Expressed in T-cells, B-cells and monocytes. Expression is higher on memory and germinal center cells than on naive B-cells (at protein level). Highly expressed in brain. Moderately expressed in pancreas, kidney and lymphoid node. Weakly expressed in liver. Detected in both endothelial cells and CD34+ bone marrow cells.

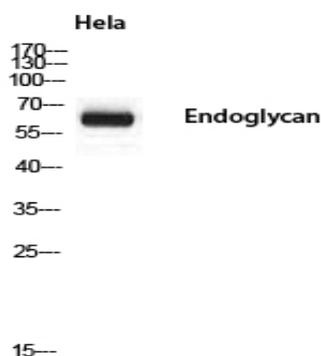
Sort : 5557

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of HeLa using Endoglycan antibody.
Secondary antibody(catalog#:RS0002) was diluted at 1:20000