

PODXL2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13602b**Specification**

PODXL2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9NZ53](#)**PODXL2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 50512**Other Names**

Podocalyxin-like protein 2, Endoglycan, PODXL2

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13602b was selected from the C-term region of PODXL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PODXL2 Antibody (C-term) Blocking peptide - Protein Information**Name** PODXL2**Function**

Acts as a ligand for vascular selectins. Mediates rapid rolling of leukocytes over vascular surfaces through high affinity divalent cation-dependent interactions with E-, P- and L-selectins.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

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

PODXL2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PODXL2 Antibody (C-term) Blocking peptide - Images**PODXL2 Antibody (C-term) Blocking peptide - Background**

Endoglycan is a disulfide-linked homodimeric membrane protein belonging to the podocalyxin family.

PODXL2 Antibody (C-term) Blocking peptide - References

Kerr, S.C., et al. J. Immunol. 181(2):1480-1490(2008)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Fieger, C.B., et al. J. Biol. Chem. 278(30):27390-27398(2003)