

Podocalyxin, mouse recombinant
AW121214, Ly102, PC, PCLP-1, Pclp1, Podxl
Catalog # PBV11513r**Specification****Podocalyxin, mouse recombinant - Product info**

Primary Accession [O9R0M4](#)
Calculated MW **41 kDa** **KDa**

Podocalyxin, mouse recombinant - Additional Info**Other Names**

AW121214, Ly102, PC, PCLP-1, Pclp1, Podxl

Gene Source
Source
Assay&Purity
Recombinant
Sequence

Mouse
Baculovirus
SDS-PAGE;> 95%
Yes
HNGNETSTSA IKSSTVQSHQ SATTSTEVTT
GHPVASTLAS TQPSNPTPFT TSTQSPSMPT
STPNPTSNQS GGNLTSSVSE VDKTKTSSPS
STAFTSSSGQ TASSGGKSGD SFTTAPTTTL
GLINVSSQPT DLNTTSKLLS TPTTDNTTSP
QQPVDSSPST ASHPVGQHTP AAVPSSSGST
PSTDNSTLTW KPTTHKPLGT SEATQPLTSQ
TPGITTLPVS TLQQSMAS TV GTTTEEFTHL
ISNGTPVAPP GPSTPSPIWA FGNYQLNCEP
PIRPDEELLI LNLTRASLCE RSPLDEKEKL
VELLCHSVKA SFKPAEDLCT LHVAPILDNQ
AVAVKRIIIE TKLSPKAVYE LLKDRWDDLT
EAGVSDMKLG KEGPPEVNED RFSLEHHHHH
H

Target/Specificity
Podxl

Format
Liquid

Storage
-70°C;In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Podocalyxin, mouse recombinant - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Podocalyxin, mouse recombinant - Images

Podocalyxin, mouse recombinant - Background

PODXL, also known as Podocalyxin, is a heavily glycosylated transmembrane sialoprotein in the CD34 and endoglycan family. This protein involved in the regulation of both adhesion and cell morphology and cancer progression. It has to function as an anti-adhesive molecule that maintains an open filtration pathway between neighboring foot processes in the podocyte by charge repulsion. Also, it acts as a pro-adhesive molecule, enhancing the adherence of cells to immobilized ligands, increasing the rate of migration and cell-cell contacts in an integrin-dependent manner. Recombinant mouse PODXL, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.