

# PODXL Monoclonal Antibody

## Description

CodeBT-MCA3672HostMouseIsotypeMouse IgG1Size100µL, 50µLImmunogenPurifed recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. Coli.Molwt58 kDaSpecies reactivityOthersClonalityMonoclonalRecommended applicationFCMManamediationMAFul nameMASpecies reactivityMain colonalConcentrationMAGodenationMAFul nameMASpecies reactivityCipStPCLP: JPODXL1	Product type	Antibody
HostMouseIsotypeMouse IgG1Size10μL, 50μLImmogenviried recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. C. C.Mol wt58 kDaSpecies reactivityOthersClonalityMouclonalRecommended applicationFCMMol wtN/AFulnameN/ASpecies reactivityC.MouseMouseMouseMouseMouseMouseBig Mouse <t< th=""><th>Code</th><th>BT-MCA3672</th></t<>	Code	BT-MCA3672
IsotypeMouse IgG1Size10μL, 50μLImmunogenPurified recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. ColoMol wt58 kDaSpecies reactivityOthersClonalityMouclonalRecommended applicationFCMConcentrationN/AFull nameN/ASynoymeCipStPCLP: JPODXL1	Host	Mouse
Size100μL, 50μLImmunogenPurified recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. Coli.Mol wt58 kDaSpecies reactivityOthersClonalityMonoclonalRecommended applicationFCMConcentrationN/AFull nameN/ASynomsCipSp200;gp135;PCLP-1;PODXL1	Isotype	Mouse IgG1
ImmunogenPurified recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. Coli.Mol wt58 kDaSpecies reactivityOthersClonalityMonoclonalRecommended applicationFCMConcentrationN/AFull nameN/ASynonysCipSp200;gp135;PCLP-1;PODXL1	Size	100µL, 50µL
Mol wt58 kDaSpecies reactivityOthersClonalityMonoclonalRecommended applicationFCMOcncentrationN/AFull nameN/ASynonysCy:PCIP:Gp200;gp135;PCLP-1;PODXL1	Immunogen	Purified recombinant fragment of human PODXL (AA: Extra(23-172)) expressed in E. Coli.
Species reactivityOthersClonalityMonoclonalRecommended applicationFCMConcentrationN/AFull nameN/ASynonymsPC;PDX;PCUP;Gp200;gp135;PCLP-1;PODXL1	Mol wt	58 kDa
ClonalityMonoclonalRecommended applicationFCMConcentrationN/AFull nameN/ASynonymsPC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1	Species reactivity	Others
Recommended application FCM   Concentration N/A   Full name N/A   Synonyms PC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1	Clonality	Monoclonal
Concentration N/A   Full name N/A   Synonyms PC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1	Recommended application	FCM
Full nameN/ASynonymsPC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1	Concentration	N/A
Synonyms PC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1	Full name	N/A
	Synonyms	PC;PDX;PCLP;Gp200;gp135;PCLP-1;PODXL1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na+/H+ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoetic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

#### **Recommended Dilution**

WB: 1:500 - 1:2000 FCM: 1:200 - 1:400 ELISA: 1:10000 Not yet tested in other applications.

#### Images



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

Western blot analysis using PODXL mAb against human PODXL (AA: Extra(23-172)) recombinant protein. (Expected MW is 40.6 kDa)



Western blot analysis using PODXL mAb against HEK293-6e (1) and human PODXL (AA: Extra(23-172))-hIgGFc transfected HEK293-6e (2) cell lysate.

Flow cytometric analysis of Hela cells using PODXL mouse mAb (green) and negative control (red).

Flow cytometric analysis of HepG2 cells using PODXL mouse mAb (green) and negative control (red).

Storage Store at 4°C short term. Aliquot and store at -20°C long term.

> 501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com