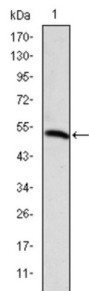
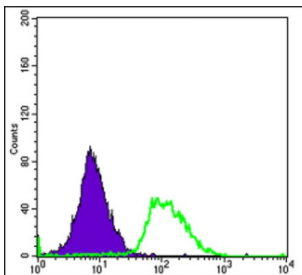
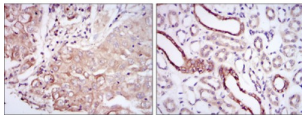


Podocalyxin (PODXL) Antibody

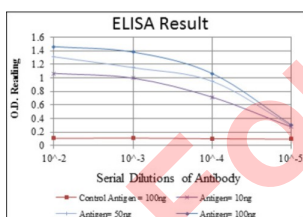
Catalogue No.: abx015972



Western blot analysis using PODXL antibody against human PODXL (AA: 109-324) recombinant protein. (Expected MW is 47.3 kDa).



Flow cytometric analysis of HeLa cells using PODXL antibody (green) and negative control (purple).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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 hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. (provided by RefSeq) Tissue specificity: Glomerular epithelium cell (podocyte).

Target: Podocalyxin (PODXL)

Datasheet

Version: 3.0.0
Revision date: 31 Oct 2025



Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human PODXL expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O00592 (UniProt , ExPASy)
Gene Symbol:	PODXL
GeneID:	5420
OMIM:	602632
HGNC:	9171
KEGG:	hsa:5420
Ensembl:	ENSG00000128567
String:	9606.ENSP00000367817
Molecular Weight:	49 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.

Datasheet

Version: 3.0.0

Revision date: 31 Oct 2025



Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only