

Mouse anti-Human Podocalyxin Monoclonal Antibody | anti-PODXL antibody

Mouse Anti-Human Podocalyxin

CATALOG # AAA79094	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

Podocalyxin; Monoclonal Antibody; Mouse Anti-Human Podocalyxin; Anti-human Podocalyxin (#GB6D9C11); Podocalyxin-like protein; GCTM-2 antigen; Gp200; anti-PODXL antibody

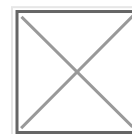
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	IgG1; GB6D9C11
Purity/Purification	Protein G purified
Form/Format	Lyophilized
Sequence Length	558
Applicable Applications for anti-PODXL antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	membrane protein fraction of isolated human glomeruli
Preparation	Monoclonal antibodies were produced with the help of BALB/c mice using a membrane protein fraction of isolated human glomeruli as the immunizing antigen.
Buffer	PBS
Preparation and Storage	The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 degree C. Frozen aliquots are stable for at least 6 months when stored at -20 degree C.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-PODXL antibody	Podocalyxin is the major sialoprotein in the glycocalyx of glomerular podocytes. It was shown that endothelial cell membranes contain Podocalyxin. By immunoelectron microscopy Podocalyxin was localized on the luminal membrane domain of endothelial cells, in a patchy distribution. The presence of Podocalyxin was confirmed in SDS extracts of lung tissue by immunoblotting. It is concluded that (a) Podocalyxin is a widespread component of endothelial plasma membranes, (b) it is restricted to the luminal membrane domain, and (c) it is distributed unevenly on the endothelial cell surface.
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References	1. Horvat et al., J Cell Biol 102:484, 1986 2. Breiteneder-Geleff et al., Am J Pathol 154:385, 1999 3. Kerosuo et al., Br J Haematol 124:809, 2004 4. Kerjaschki et al., J Cell Biol 98:1591, 1984 5. Kerjaschki et al., Am J Pathol 118:343, 1985
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66277202
NCBI GeneID	5420
NCBI Accession #	NP_005388.2
NCBI GenBank Nucleotide #	NM_005397.3
UniProt Accession #	O00592; Q52LZ7; Q53ER6; A6NHX8
Molecular Weight	58,635 Da
NCBI Official Full Name	podocalyxin isoform 1
NCBI Official Synonym Full Names	podocalyxin-like
NCBI Official Symbol	PODXL
NCBI Official Synonym Symbols	PC; PCLP; Gp200; PCLP-1
NCBI Protein Information	podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1
UniProt Protein Name	Podocalyxin
UniProt Gene Name	PODXL
UniProt Synonym Gene Names	PCLP; PCLP1; PC; PCLP-1
UniProt Entry Name	PODXL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/podocalyxin-antibody-clone-igg1-gb6d9c11-immunofluorescence-immunohistochemistry-elisa/79094>