

Recombinant**DGRmAb®****PODXL (DGR12581) Rabbit mAb****db15764****Package : 10µL 20µL 50µL 100µL****Product Name :** PODXL (DGR12581) Rabbit mAb**Cat.No.:** db15764**Synonyms :** PC; PCLP; Gp200; PCLP-1**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit**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 hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human PODXL

Gene ID

5420

Swiss Prot

O00592

Synonyms

PC; PCLP; Gp200; PCLP-1

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000-1:5000
IHC-P: 1:200-1:1000
ICC/IF: 1:100
FC: 1:100-1:200

Calculated MW

59 kDa

Observed MW

160 kDa

Host species

Rabbit

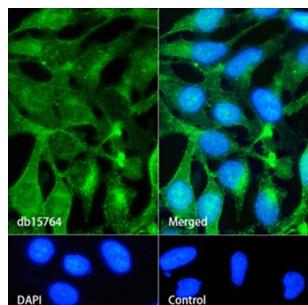
Clonality

Monoclonal

Clonality No.

DGR12581

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling PODXL with db15764.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15764 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 ([db10005](#), shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.