

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<sup>+</sup>/H<sup>+</sup> 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

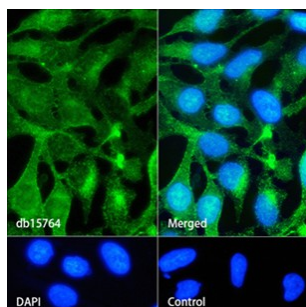
**Clonality**

Monoclonal

**Clonality No.**

DGR12581

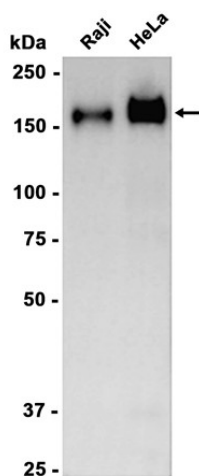
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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.



Western blot analysis of extracts from Raji, HeLa cells using db15764 at 1:1000.