

Recombinant

DGRmAb®

## PODXL (DGR12581) Rabbit mAb (PBS Only)

db15764-PBS

Package : 10µg 100µg

**Product Name** : PODXL (DGR12581) Rabbit mAb (PBS Only)**Cat.No.:** db15764-PBS**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

**Calculated MW**

59 kDa

**Observed MW**

160 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12581

**Isotype**

IgG

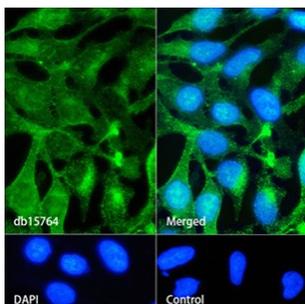
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

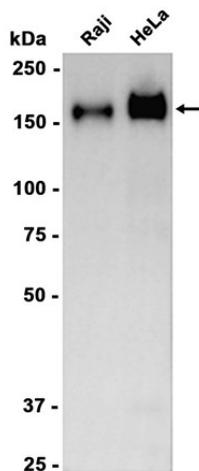
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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.