

## 30-2721AF647: Anti-Hu PODXL Purified Anti-Hu PODXL Alexa Fluor® 647 Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PcMab-47
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	PODXL
<b>Gene ID :</b>	5420
<b>Uniprot ID :</b>	O00592
<b>Format :</b>	Purified
<b>Alternative Name :</b>	podocalyxin like PCLP-1, Gp200, podocalyxin like
<b>Immunogen Information :</b>	recombinant PODXL ectodomain

### Description

PODXL is a highly glycosylated sialomucin, which is expressed in many types of tumors, as well as it is a well known marker of embryonic stem cells. Overexpression of PODXL is an independent predictor of cancer progression, metastasis, and poor outcome. PODXL promotes tumor growths and invasiveness, and is a potential target for antibody therapy.

**Specificity :** The mouse monoclonal antibody PcMab-47 recognizes a glycosylation-dependent epitope (aa 207-210) on human PODXL, a highly glycosylated transmembrane glycoprotein expressed above all in many types of cancer tissues, and on embryonic stem cells.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography.
<b>Content :</b>	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml.

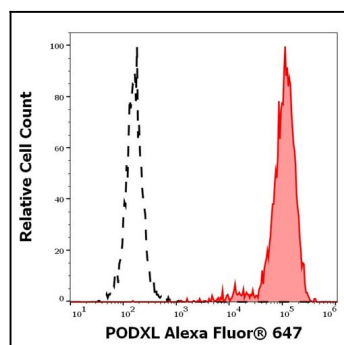


Figure 1: Separation of HeLa cells stained using anti-human PODXL (PcMab-47) Alexa Fluor® 647 antibody (red-filled) from HeLa cells stained using mouse IgG1 isotype control (MOPC-21) Alexa Fluor® 647 antibody (black-dashed) in flow cytometry analysis (surface staining).