

30-2721-PE: Anti-Hu PODXL Purified PE Conjugated

Clonality :	Monoclonal
Clone Name :	PcMab-47
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	PODXL
Gene ID :	5420
Uniprot ID :	O00592
Format :	Purified
Alternative Name :	podocalyxin like PCLP-1, Gp200, podocalyxin like
Immunogen Information :	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

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

Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.

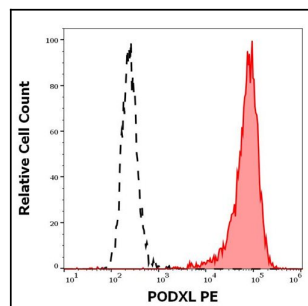


Figure 1: Separation of HeLa cells stained using anti-human PODXL (PcMab-47) PE antibody (red-filled) from HeLa cells stained using mouse IgG1 isotype control (MOPC-21) PE antibody (black-dashed) in flow cytometry analysis (surface staining).