

Datasheet for ABIN7506005
anti-PODXL antibody



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1 Image

Overview

Quantity:	100 µg
Target:	PODXL
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PODXL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu PODXL Purified
Immunogen:	recombinant PODXL ectodomain
Clone:	PcMab-47
Isotype:	IgG1 kappa
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.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	PODXL
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Target Details

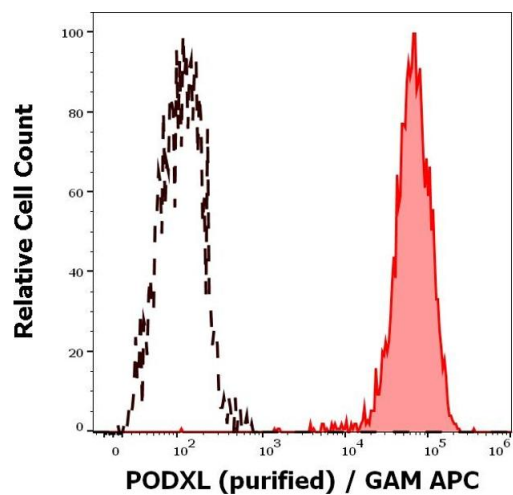
Alternative Name:	PODXL (PODXL Products)
Background:	Podocalyxin like,PODXL is a highly glycosylated sialomucin, which is expressed in many types of tumors, as well as it is a well known marker of embryonic stem cells. Overexpression of PODXL is an independent predictor of cancer progression, metastasis, and poor outcome. PODXL promotes tumor growths and invasiveness, and is a potential target for antibody therapy.,PCLP-1, Gp200, podocalyxin like
Gene ID:	5420
UniProt:	O00592
Pathways:	Tube Formation

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of HeLa cells stained anti-human PODXL (PcMab-47) purified antibody (concentration in sample 1,7 $\mu\text{g/mL}$, GAM APC, red-filled) from HeLa cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).