



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-PODXL Monoclonal Antibody-APC

Product Details

Ig Type:	Rabbit monoclonal IgG
Reactivity:	Human
Conjugation:	APC
Molecular Weight:	
Purification:	

Applications

Verified Activity:	Flow cytometry analysis of PODXL overexpressed 377F cells with TMAZ-0170A, followed by goat anti-rabbit IgG-ABflo 647 (red line). The isotype control is rabbit IgG (black line).
Application:	ELISA, FACS
Recommended	0.1-0.2 µg/10E6 cells for FACS; 1 ng/µl for ELISA

Properties

Appearance:	no data available
Purity:	> 95% as determined by SDS-PAGE.
Stability & Storage:	For unconjugated and biotin antibody, store at -20°C or -80°C for long term. Avoid repeated freeze-thaw cycles. For APC/PE/AF647/AF555/AF488 conjugated antibody, store at 4°C, do not freeze.
Shipping:	For unconjugated and biotin antibody, shipping with dry ice. For APC/PE/AF647/AF555/AF488 conjugated antibody, shipping with blue ice.

Antigen Details

Immunogen:	PODXL
Antigen Species:	Human
Gene ID:	5420
Uniprot ID:	O00592
Biology Area:	Drug Target

Research Background

Involved in the regulation of both adhesion and cell morphology and cancer progression. Functions as an anti-adhesive molecule that maintains an open filtration pathway between neighboring foot processes in the podocyte by charge repulsion. Acts as a pro-adhesive molecule, enhancing the adherence of cells to immobilized ligands, increasing the rate of migration and cell-cell contacts in an integrin-dependent manner. Induces the formation of apical actin-dependent microvilli. Involved in the formation of a preapical plasma membrane subdomain to set up initial epithelial polarization and the apical lumen formation during renal tubulogenesis. Plays a role in cancer development and aggressiveness by inducing cell migration and invasion through its interaction with the actin-binding protein EZR. Affects EZR-dependent signaling events, leading to increased activities of the MAPK and PI3K pathways in cancer cells

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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