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Anti-Endoglycan Antibody

Catalog # AP60162

Product Information

Application	WB, IF/IC
Primary Accession	Q9NZ53
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65076

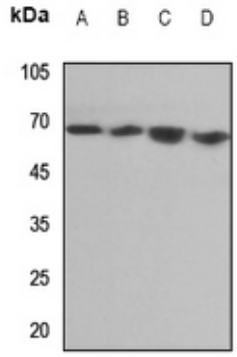
Additional Information

Gene ID	50512
Other Names	Podocalyxin-like protein 2; Endoglycan
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Endoglycan. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

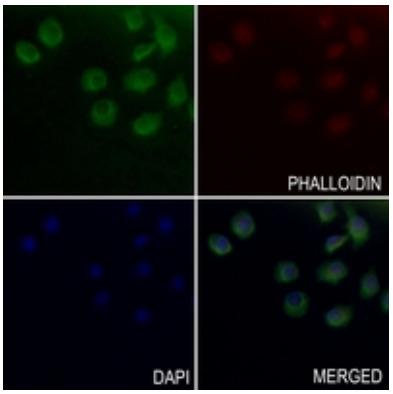
Protein Information

Name	PODXL2
Function	Acts as a ligand for vascular selectins. Mediates rapid rolling of leukocytes over vascular surfaces through high affinity divalent cation-dependent interactions with E-, P- and L-selectins.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Expressed in T-cells, B-cells and monocytes. Expression is higher on memory and germinal center cells than on naive B-cells (at protein level). Highly expressed in brain. Moderately expressed in pancreas, kidney and lymphoid node. Weakly expressed in liver. Detected in both endothelial cells and CD34+ bone marrow cells

Images



Western blot analysis of Endoglycan expression in HGC27 (A), mouse lung (B), mouse kidney (C), rat lung (D) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 65 kD)



Immunofluorescent analysis of Endoglycan staining in SGC7901 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.