

PODXL2 polyclonal antibody

Catalog: BS60691

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Endoglycan, also known as podocalyxin-like 2, exists as a disulfide-dependent homodimer and belongs to the CD34 family of proteins. It is a proteoglycan modified with chondroitin sulfate chains and (with appropriate post-translational modifications) functions as an L-selectin ligand, interacting via sulfation on two tyrosine residues. Endoglycan contains a membrane proximal globular domain, a single pass transmembrane domain, a mucin-like domain and a highly acidic N-terminal with O-linked sLex structures. It is widely expressed with distribution including endothelial cells, hematopoietic precursors and leukocyte subpopulations. Endoglycan is similar to PSGL-1 in that it also exhibits catch-slip transitional bonds. These bonds help to mediate the rolling and tethering of circulating leukocytes on vascular surfaces, typically during immune surveillance and inflammation. The ligand activity of Endoglycan is dependent on sialylation and fucosylation and may mediate adhesion events.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 65 kDa

Swiss-Prot:

Q9NZ53

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

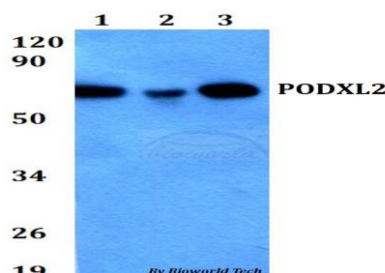
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PODXL2 polyclonal antibody detects endogenous levels of PODXL2 protein.

DATA:



Western blot (WB) analysis of PODXL2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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