Recombinant Rabbit Anti-Podocalyxin Antibody (V3S-0622-YC2441)

Cat. No.: V3S-0622-YC2441

Summary

Description	This product is a monoclonal antibody derived from rabbit, which can specifically recognize P odocalyxin. The antibody is expressed with mammalian cell transient expression system, ser um-free and purified by affinity chromatography. The purity and integrity are tested via SDS-P AGE and SEC-HPLC analysis. Given an antigen, additional QC measures are also desired s uch as affinity testing and binding validation. Specifically, the antibody is provided in multiple formats for in vivo and in vitro assays. The *In vivo* version features greater than 95% purity, ultra-low endotoxin levels (<1 EU/mg or 0.1 E U/mg), and is preservative, stabilizer, and carrier protein-free.
Clonality	Monoclonal
Host Species	Rabbit
Target Species	Human
Immunogen	A-172 cells
Isotype	IgG
Isotype Control	C15420
Secondary Antibody	C76327; C54620; C13205

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and/or SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Protein A affinity purified
Sterility	0.2 μM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4^{0}C within a week. For longer storage, aliquot and store at -20^{0}C.

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Applications

Application	FC
Application Notes	The antibody is recommended for detection of Podocalyxin by FC assay.

Target

Target	Podocalyxin
Alternative Name	Podocalyxin
Introduction	Podocalyxin, a sialoglycoprotein, is thought to be the major constituent of the glycocalyx of p odocytes in the glomerulus (Bowman's capsule). It is a member of the CD34 family of transm embrane sialomucins. Podocalyxin, a sialoglycoprotein, is thought to be the major constituent of the glycocalyx of podocytes in the glomerulus (Bowman's capsule). It is a member of the C D34 family of transmembrane sialomucins. It coats the secondary foot processes of the podo cytes.It coats the secondary foot processes of the podocytes.
Research Area	Cell Biology

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