

Recombinant Podocalyxin (PODXL) (Hematopoietic Stem Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone rPODXL/2184]

| Catalog No | Format | Size |
|-----------------|---|--------|
| 5420-MSM7-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 5420-MSM7-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 5420-MSM7-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

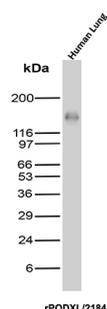
| Applications | Tested Dillution | Note |
|--------------|------------------|------|
| | | |

Product Details

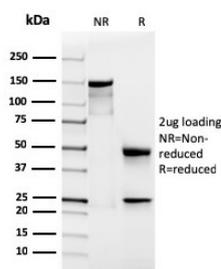
| | |
|-------------------------------|--|
| Clone | rPODXL/2184 |
| Gene Name | PODXL |
| Immunogen | Recombinant fragment of human Podocalyxin (around aa 310-447) (exact sequence is proprietary) |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG1 / Kappa |
| Mol. Weight of Antigen | 165-170kDa |
| Cellular Localization | Apical cell membrane, Cell projection, Filopodium, Lamellipodium, Membrane, Membrane raft, Microvillus, Ruffle |
| Species Reactivity | Human |
| Positive Control | HeLa, Raji or Jurkat cells. Human angiosarcoma or kidney tissue. |

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Podocalyxin (PODXL) (Hematopoietic Stem Cell Marker) Antibody



Western Blot Analysis of Human Lung lysate using Podocalyxin Recombinant Mouse Monoclonal Antibody (rPODXL/2184).



SDS-PAGE Analysis of Purified PODXL Recombinant Mouse Monoclonal Antibody (rPODXL/2184). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Podocalyxin is a member of the CD34 transmembrane sialomucin family. It is over-expressed on the podocyte foot projections and plays essential roles in kidney development and homeostasis, blood filtration and urine formation. It is also expressed on vascular endothelia, hematopoietic progenitors and a subset of neurons. Overexpression of podocalyxin may be linked to more aggressive tumor behavior. Podocalyxin antibody can identify podocytes in the urine (podocyturia) that may indicate glomerular disease, pre-eclampsia, and other kidney pathology.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Endothelial Cell Marker, Stem Cell Differentiation

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.