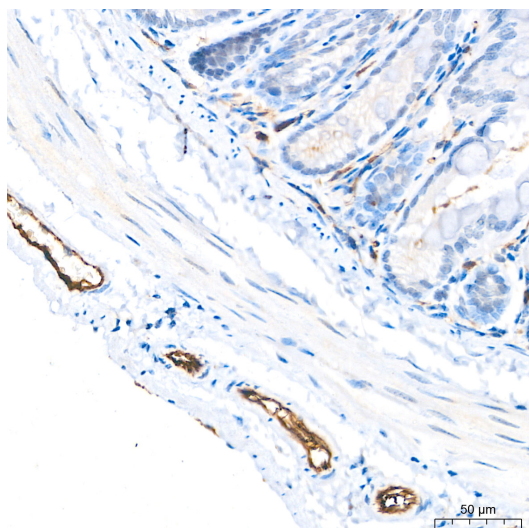
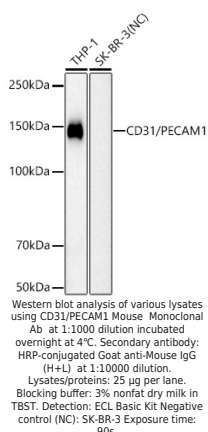
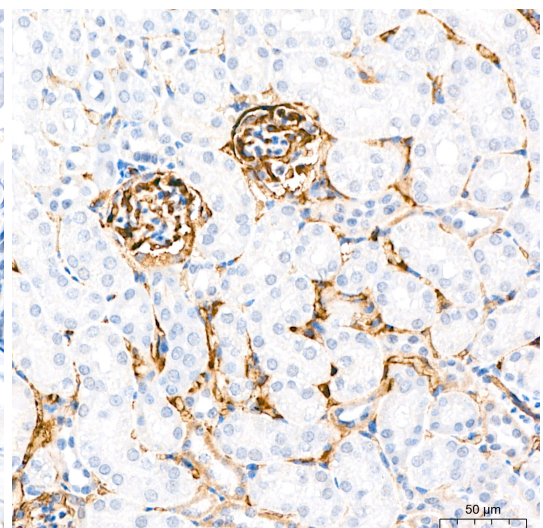




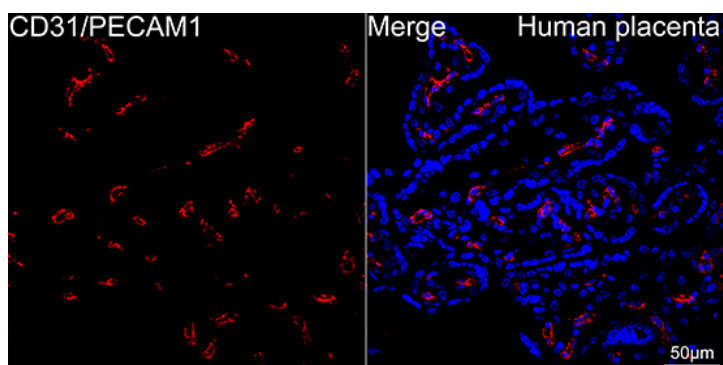
|                          |                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | CD31/PECAM1 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                       |
| <b>Cat number:</b>       | MAB-95053                                                                                                                                                                                                                                                                                                                                                   |
| <b>Size:</b>             | 100 ug                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clone:</b>            | MEM-11                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                     |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen:</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 630-738 of CD31/PECAM1 (                                                                                                                                                                                                                                                      |
| <b>Reactivity:</b>       | Human, Mouse                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications:</b>     | Western Blot 1:1000 - 1:2000 IHC-P 1:200 - 1:800 IF/ICC 1:200 - 1:800 ELISA<br>Recommended starting concentration is 1 µg/mL.                                                                                                                                                                                                                               |
| <b>Molecular Weight:</b> | 130 kDa                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification:</b>     | Affinity Purified                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>           | PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.                                                                                                                                                                                                                                                                                               |
| <b>Storage:</b>          | Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                                                                                                                                                                                                                 |
| <b>Background:</b>       | The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. |



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using CD31/PECAM1 Mouse Monoclonal Ab at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using CD31/PECAM1 Mouse Monoclonal Ab at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Confocal imaging of paraffinembedded Human placenta tissue using CD31/PECAM1 Mouse Monoclonal Ab at dilution 1:200 followed by a further incubation with Cy3 Goat Anti-Mouse IgG (H+L) at dilution 1:500 (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0)