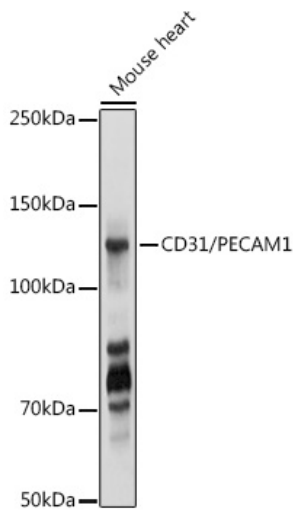
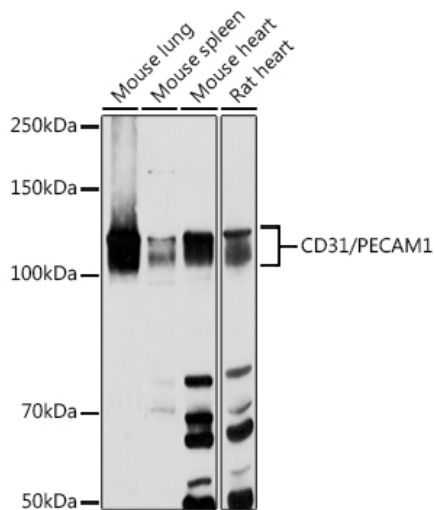


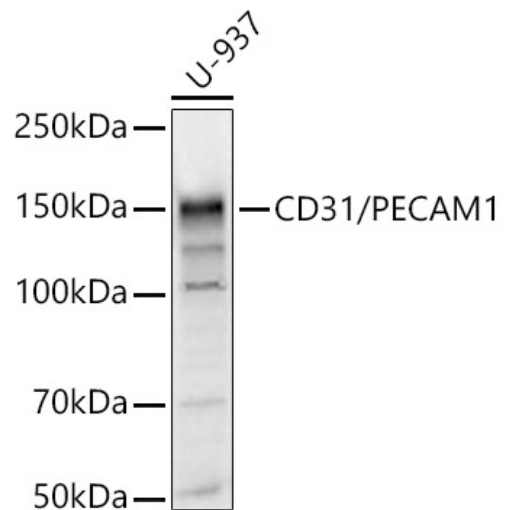
Product name:	CD31/PECAM1 Rabbit Polyclonal Antibody
Cat number:	AB-84818
Size:	100 ug
Concentration:	1 mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 630-738 of CD31/PECAM1 (
Reactivity:	Human, Mouse
Applications:	Western Blot 1:500 - 1:1000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200
Molecular Weight:	140 kDa
Purification:	Affinity Purified
Form:	Liquid
Buffer:	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	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.



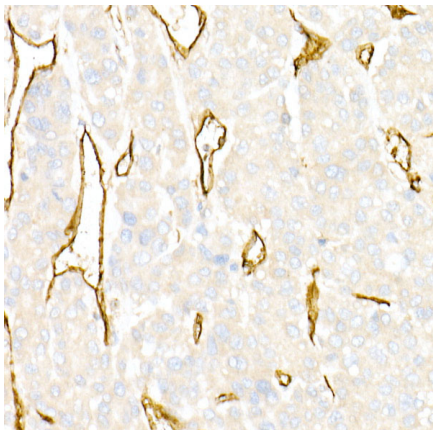
Western blot analysis of lysates from THP-1 cells, using CD31/PECAM1 Rabbit Polyclonal Ab at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 1s.



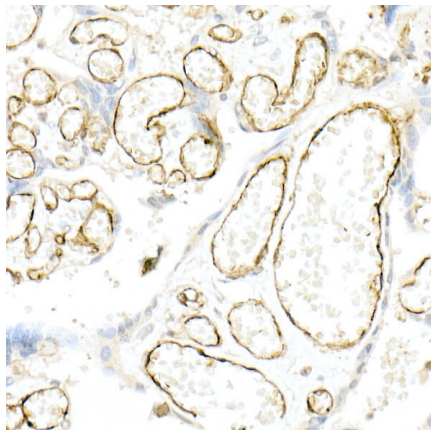
Western blot analysis of various lysates using CD31/PECAM1 Rabbit Polyclonal Ab at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 10s.



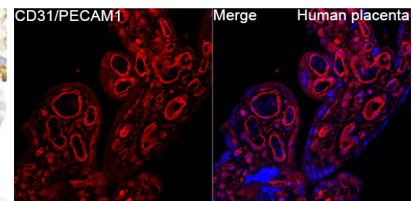
Western blot analysis of lysates from U-937 cells, using CD31/PECAM1 Rabbit Polyclonal Ab at 1:400 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using CD31/PECAM1 Rabbit Polyclonal Ab at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta using CD31/PECAM1 Rabbit Polyclonal Ab at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of Human placenta tissue using CD31/PECAM1 Rabbit Polyclonal Ab at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining.