

# CD31 (PECAM-1) Recombinant Rabbit Monoclonal Antibody (2H9S5)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	2H9S5
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 630-738 of CD31 /PECAM1 (NP_0004334)
Form	Liquid
Concentration	0.55 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol, 0.05% BSA
Contains	0.05% ProClin 300
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2898043

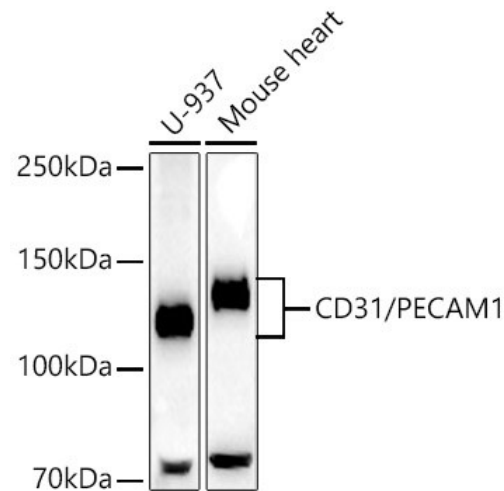
Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000-1:10,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-

## Product Specific Information

Positive Samples: THP-1, Mouse lung

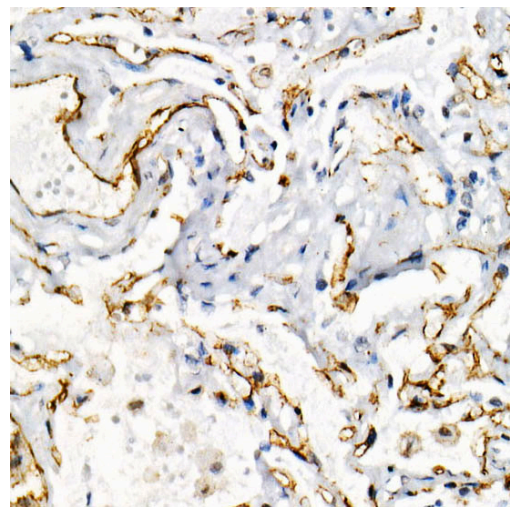
Immunogen sequence: AKQMPVEMSR PAVPLLNSNN EKMSDPNMEA NSHYGHNDDV RNHAMKPIND NKEPLNSDVQ YTEVQVSSAE SHKDLGKKDT ETVYSEVRKA VPDAVESRYS RTEGSLDGT

Product Images For CD31 (PECAM-1) Recombinant Rabbit Monoclonal Antibody (2H9S5)



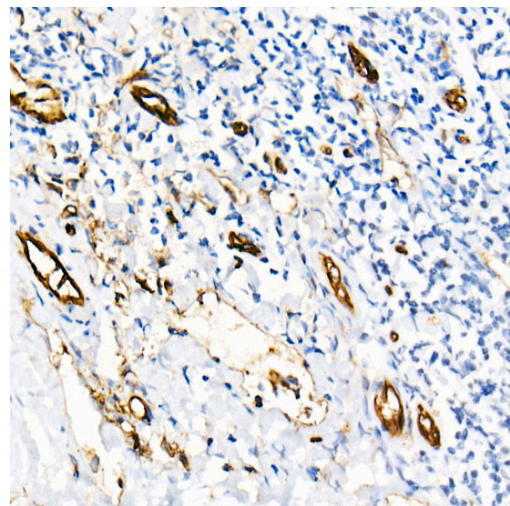
**CD31 (PECAM-1) Antibody (MA5-38125) in WB**

Western blot analysis of CD31 (PECAM-1) in various lysates. Samples were incubated with CD31 (PECAM-1) Monoclonal antibody (Product # MA5-38125) using a dilution of 1:60,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



**CD31 (PECAM-1) Antibody (MA5-38125) in IHC (P)**

Immunohistochemistry analysis of CD31 (PECAM-1) in paraffin-embedded human placenta. Samples were incubated with CD31 (PECAM-1) Monoclonal antibody (Product # MA5-38125) using a dilution of 1:1,000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



**CD31 (PECAM-1) Antibody (MA5-38125) in IHC (P)**

Immunohistochemistry analysis of CD31 (PECAM-1) in paraffin-embedded human tonsil. Samples were incubated with CD31 (PECAM-1) Monoclonal antibody (Product # MA5-38125) using a dilution of 1:1,000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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