

Anti-CD31 antibody [SM5091] (STJA0005091)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC/IF
Host / Source	Mouse
Reactivity	Mouse

PRODUCT PROPERTIES

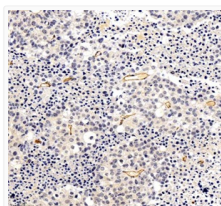
Clonality	Monoclonal
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IHC/IF (M) 1:1500-1:3000
Formulation	PBS with 0.02% sodium azide, 100 Mu g/ml BSA and 50% glycerol.
Isotype	IgG1k
Storage Instruction	Store at -20C for up to one year, and avoid repeated freeze-thaw cycles.

TARGET INFORMATION

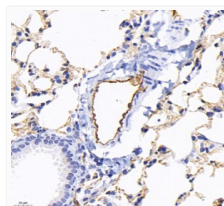
Gene ID	5175
Gene Symbol	PECAM1
UniProt ID	PECA1_HUMAN

ADDITIONAL INFORMATION

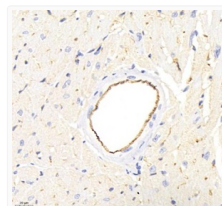
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



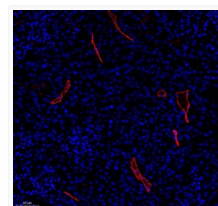
Immunohistochemistry analysis of CD31. Sample: mouse liver cancer, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:1500, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



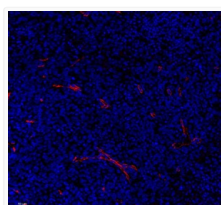
Immunohistochemistry analysis of CD31. Sample: mouse lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:1500, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



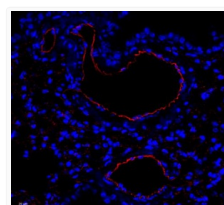
Immunohistochemistry analysis of CD31. Sample: mouse heart, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:1500, 4C overnight. Secondary antibody: HRP Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of CD31. Sample: mouse B16 cell derived xenograft, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of CD31. Sample: mouse Lewis cell derived xenograft, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.



IF analysis of CD31. Sample: mouse lung, 4% PFA 12-24h. Antigen retrieval: Citrate buffer, pressure cooker 2min. Blocking buffer: 3% BSA in PBS, RT, 30min. Primary antibody: 1:500, 4C overnight. Secondary antibody: Cy3 conjugated Goat Anti-mouse IgG, 1:200 RT 1h.