

bs-20322R**[Primary Antibody]****CD31 Rabbit pAb****Bioss**
ANTIBODIES

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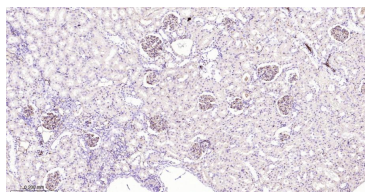
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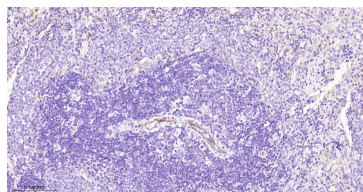
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:200-500) IHC-F (1:200-500) IF (1:200-500) Reactivity: Mouse, Rat Predicted MW.: 78 kDa Subcellular Location: Membrane, Cell junction, Cell membrane
Clonality: Polyclonal		
GeneID: 18613	SWISS: Q08481	
Target: CD31		
Immunogen: KLH conjugated synthetic peptide derived from mouse CD31: 251-350/727.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated 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. [provided by RefSeq, May 2010]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Rat kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD31 Polyclonal Antibody, Unconjugated(bs-20322R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD31 Polyclonal Antibody, Unconjugated(bs-20322R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=20.722]** Meng Lin. et al. CRISPR-based in situ engineering tumor cells to reprogram macrophages for effective cancer immunotherapy. Nano Today. 2022 Feb;42:101359 IF ;Mouse. 10.1016/j.nantod.2021.101359
- **[IF=13.3]** Lubin Zhou. et al. Electrospun Self-Pumping dressing with gastrodin for immunomodulation and rapid healing of diabetic wounds. CHEM ENG J. 2024 Sep;495:153424 IF ;Rat. 10.1016/j.cej.2024.153424
- **[IF=11.092]** Cristiane M. Franca. et al. High-Throughput Bioprinting of Geometrically-Controlled Pre-Vascularized Injectable Microgels for Accelerated Tissue Regeneration. ADV HEALTHC MATER. 2023 May;;2202840 IF ;Mouse. 37219011
- **[IF=7.9]** Mei-feng Zhang. et al. Catalpol attenuates ischemic stroke by promoting neurogenesis and angiogenesis via the SDF-1α/CXCR4 pathway. PHYTOMEDICINE. 2024 Jan;;155362 IF ;Rat. 10.1016/j.phymed.2024.155362
- **[IF=5.443]** Dai Yarong. et al. METTL3-Mediated m6A RNA Modification Regulates Corneal Injury Repair. Stem Cells Int. 2021;2021:5512153 IF ;Mouse. 34721590

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