bs-20322R **[Primary Antibody]**

CD31 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 18613 **SWISS:** Q08481

Target: CD31

Immunogen: KLH conjugated synthetic peptide derived from mouse CD31: 251-350/727. < Extracellular >

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]

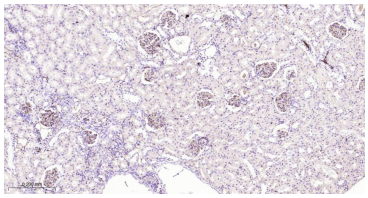
Applications: **IHC-P** (1:200-500)
IHC-F (1:200-500)
IF (1:200-500)

Reactivity: Mouse, Rat

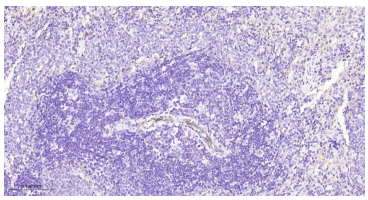
Predicted MW.: 78 kDa

Subcellular Location: Membrane ,Cell junction ,Cell membrane

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=13.2]** Hewan Dawit. et al. Pegylated and peptide-functionalized supramolecular metal-phenolic network coatings for enhanced performance of cardiovascular grafts. CHEM ENG J. 2025 Feb;:160296 IHC ;Mouse. 10.1016/j.cej.2025.160296
- **[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=9.7]** Annan Liu. et al. The versatile nanocomposite wound dressing with zinc replenishment, and enhanced

photothermal and fluorescent performance for accelerating methicillin-resistant Staphylococcus aureus-infected diabetic wound repair and indicating dressing replacement. J COLLOID INTERF SCI. 2025 Oct;696:137867 IF ;Rat. 40378451