

bs-1004R**[Primary Antibody]****ACE2 Rabbit pAb****Bioss**
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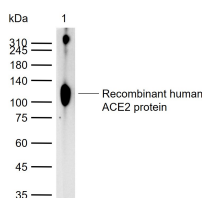
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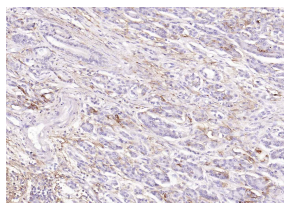
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DATASHEET

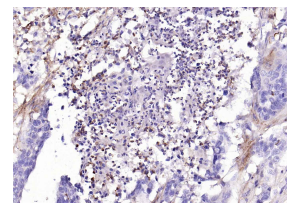
Host: Rabbit Clonality: Polyclonal Target: ACE2 Immunogen: KLH conjugated synthetic peptide derived from human ACE2: 601-700/805. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxypeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63. [provided by RefSeq, Jul 2008]	Isotype: IgG GeneID: 59272 Applications: WB (1:500-2000) IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human Predicted MW: 87 kDa Subcellular Location: Cytoplasm ,Cell projection ,Membrane ,Secreted ,Cell membrane
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VALIDATION IMAGES

Sample: Lane 1: Recombinant human ACE2 protein, His & Avi (HEK293)(bs-46001P) Primary: Anti-ACE2 (bs-1004R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 87 kDa Observed band size: 110 kDa



Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ACE2 Polyclonal Antibody, Unconjugated (bs-1004R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ACE2 Polyclonal Antibody, Unconjugated (bs-1004R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=11.4]** Hanjie Yu. et al. Key β 1-4 galactosylated glycan receptors of SARS-CoV-2 and its inhibitor from the galactosylated glycoproteins of bovine milk. J ADV RES. 2024 Dec;: 39667665
- **[IF=6.548]** Mercado-Gómez, Maria. et al. The spike of SARS-CoV-2 promotes metabolic rewiring in hepatocytes. COMMUN BIOL. 2022 Aug;5(1):1-13 WB ;Human,Mouse,Monkey. 35978143
- **[IF=6.6]** Virginia Lotti. et al. CFTR Modulation Reduces SARS-CoV-2 Infection in Human Bronchial Epithelial Cells. CELLS-BASEL. 2022 Jan;11(8):1347 FCM ;Human. 35456026
- **[IF=6.6]** Dolaji Henin. et al. Morphological and Immunopathological Aspects of Lingual Tissues in COVID-19. CELLS-BASEL. Cells-Basel. 2022 Jan;11(7):1248 IHC ;Human. 35406811

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=7.419]** Liang-Hsuan Chien. et al. Study on the potential of Sanghuangporus sanghuang and its components as COVID-19 spike protein receptor binding domain inhibitors. BIOMED PHARMACOTHER. 2022 Sep;153:113434 IHC ;Mouse. 10.1016/j.biopha.2022.113434