

**bs-20180R**

**[ Primary Antibody ]**

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— **DATASHEET** —

|   |  |   |
|---|--|---|
| <p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 3512</p> <p><b>Target:</b> JCHAIN</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human IGHJ: 31-130/159.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.<br/>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.</p> <p><b>Background:</b> Enables IgA binding activity and protein homodimerization activity. Contributes to several functions, including immunoglobulin receptor binding activity; peptidoglycan binding activity; and phosphatidylcholine binding activity. Involved in several processes, including defense response to other organism; glomerular filtration; and positive regulation of respiratory burst. Located in extracellular space. Part of monomeric IgA immunoglobulin complex; pentameric IgM immunoglobulin complex; and secretory dimeric IgA immunoglobulin complex. [provided by Alliance of Genome Resources, Nov 2021]</p> | <p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> P01591</p> | <p><b>Applications:</b> <b>IHC-P</b> (1:100-500)<br/><b>IHC-F</b> (1:100-500)<br/><b>IF</b> (1:100-500)<br/><b>ICC/IF</b> (1:100-500)<br/><b>ELISA</b> (1:5000-10000)</p> <p><b>Reactivity:</b> (predicted: Human, Mouse, Rat)</p> <p><b>Predicted MW.:</b> 18 kDa</p> <p><b>Subcellular Location:</b> Secreted</p> |
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— **SELECTED CITATIONS** —

- **[IF=5.9]** Duliurui Huang. et al. Analysis of the heterogeneity and complexity of murine extraorbital lacrimal gland via single-cell RNA sequencing. Ocul Surf. 2024 Jun;; IF ;Mouse. 38945476