

**bs-0560R****[ Primary Antibody ]****BioSS**  
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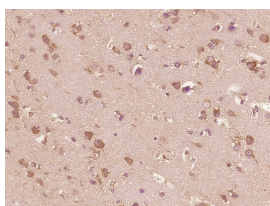
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**IL13 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 16163	<b>SWISS:</b> P20109	
<b>Target:</b> IL13		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from mouse IL-13: 45-56/131(mo).		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Pig, Sheep, Cow, Dog)
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		<b>Predicted MW.:</b> 12 kDa
<b>Background:</b> This gene encodes an immunoregulatory cytokine produced primarily by activated Th2 cells. This cytokine is involved in several stages of B-cell maturation and differentiation. It up-regulates CD23 and MHC class II expression, and promotes IgE isotype switching of B cells. This cytokine down-regulates macrophage activity, thereby inhibits the production of pro-inflammatory cytokines and chemokines. This cytokine is found to be critical to the pathogenesis of allergen-induced asthma but operates through mechanisms independent of IgE and eosinophils. This gene, IL3, IL5, IL4, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL4. [provided by RefSeq, Jul 2008]		<b>Subcellular Location:</b> Secreted

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL-13) Polyclonal Antibody, Unconjugated (bs-0560R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=17.694]** Glaubitz, Juliane. et al. In mouse chronic pancreatitis CD25+FOXP3+ regulatory T cells control pancreatic

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

- fibrosis by suppression of the type 2 immune response. NAT COMMUN. 2022 Aug;13(1):1-20 FCM ;Mouse. 35922425
- **[IF=11.467]** Yingzheng Zhao. et al. In situ hydrogel capturing nitric oxide microbubbles accelerates the healing of diabetic foot. J CONTROL RELEASE. 2022 Oct;350:93 IHC ;Rat. 35973472
  - **[IF=9.038]** Bin Li. et al. lncRNA TUG1 as a ceRNA promotes PM exposure-induced airway hyper-reactivity. J Hazard Mater. 2021 Aug;416:125878 WB ;Mouse. 10.1016/j.jhazmat.2021.125878
  - **[IF=8]** Yijia Zhang. et al. CASIN exerts anti-aging effects through RPL4 on the skin of naturally aging mice. AGING CELL. 2024 Sep;;e14333 IHC ;Mouse. 39289787
  - **[IF=6.7]** Jing-yi Hou. et al. Chuanxiong Qingnao Granules (CQG) alleviates nitroglycerin-induced migraine-like pain in rats by glycerophospholipid metabolism and PI3K/Akt signaling pathway. PHYTOMEDICINE. 2025 Jan;136:156336 IF ;Rat. 39708589