

IL13 Rabbit pAb

Catalog Number: bs-0560R

Target Protein: IL13

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human (predicted:Mouse, Rat, Pig, Sheep, Cow, Dog)

Predicted MW: 12 kDa

Entrez Gene: 16163

Swiss Prot: P20109

Source: KLH conjugated synthetic peptide derived from mouse IL-13: 45-56/131(mo).

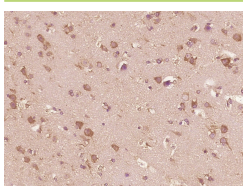
Purification: affinity purified by Protein A

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: 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]

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.

PRODUCT SPECIFIC PUBLICATIONS

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