

IL34 Rabbit pAb

Catalog Number: bs-18170R

Target Protein: IL34

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, Rabbit, Pig, Sheep, Cow, Dog, Horse)

Predicted MW: 25 kDa

Subcellular: Secreted

Locations:

Entrez Gene: 146433

Swiss Prot: Q6ZMJ4

Source: KLH conjugated synthetic peptide derived from human IL34: 21-100/242.

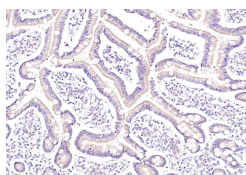
Purification: affinity purified by Protein A

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: Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]). [supplied by OMIM, May 2008]

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human intestine); 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 (IL34) Polyclonal Antibody, Unconjugated (bs-18170R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.026] Qinghua Liu. et al. Inverse correlation between Interleukin-34 and gastric cancer, a potential biomarker for prognosis. Cell

Biosci. 2020 Dec;10(1):1-13 IHC ; . 32765828

[IF=3.984] Liu, Kehui. et al. Combination of IL-34 and AFP improves the diagnostic value during the development of HBV related hepatocellular carcinoma. Clin Exp Med. 2022 Mar;:1-13 IHC ; Human . 35347503

[IF=2.9] Ma, Ruisong. et al. IL-34 aggravates myocardial ischemia-reperfusion injury by upregulating the HMGB1-IL-17A-IL-6 axis through the JAK signaling pathway. PLOS ONE. 2025 Jan 30;20(1):e0315489. ; Rat . 39883639