

IL-10RA Rabbit pAb

Catalog Number: bs-2459R

Target Protein: IL-10RA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

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

Predicted MW: 60 kDa

Entrez Gene: 3587

Swiss Prot: Q13651

Source: KLH conjugated synthetic peptide derived from human IL-10RA: 81-180/578.

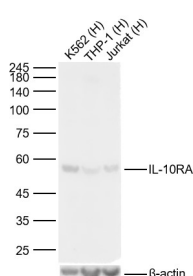
Purification: affinity purified by Protein A

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: The protein encoded by this gene is a receptor for interleukin 10. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. This receptor is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of this receptor leads to tyrosine phosphorylation of JAK1 and TYK2 kinases. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq].

VALIDATION IMAGES



Sample: Lane 1: Human K562 cell Lysates Lane 2: Human THP-1 cell Lysates Lane 3: Human Jurkat cell Lysates
Primary: Anti-IL-10RA (bs-2459R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60kDa Observed band size: 55kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.514] Segiet A et al. Tumour necrosis factor and interleukin 10 in blood pressure regulation in spontaneously hypertensive and normotensive rats. *Cytokine*. 2019 Jan;113:185-194. IF ; Rat . 30539780

[IF=4.285] Han Jisoo. et al. Interleukin-10 and Its Receptors at the Maternal-Conceptus Interface: Expression, Regulation, and Implication for Th2 Cytokine Predominance and Maternal Immune Tolerance in the Pig, a True Epitheliochorial Placentation Species. *Biol Reprod*. 2022 Mar;: IHC ; Pig . 35348632

[IF=1.672] Talya Wittmann Dayagi. et al. Mucosal IL - 10 and IL - 10 receptor expression patterns in paediatric patients with ulcerative colitis. *Int J Exp Pathol*. 2021 Feb;102(1):4-10 IHC ; Human . 33405352