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39-2004: Anti-IL13 Polyclonal Antibody

Clonality :	Polyclonal
Application :	ELISA
Reactivity :	Rat
Gene :	Il13
Gene ID :	116553
Uniprot ID :	P42203
Format :	Lyophilized
Alternative Name :	Interleukin-13; IL-13; T-cell activation protein P600; Il13; Il-13
Isotype :	Rabbit IgG
Immunogen Information :	E. coli-derived rat IL13 recombinant protein (Position: P22-H131). Rat IL13 shares 62% and 76% amino acid (aa) sequence identity with human and mouse IL13, respectively.

Description

IL-13, Interleukin 13, is a protein that in humans is encoded by the IL-13 gene. IL-13 is a kind of cytokine secreted by many cell types, but especially T helper type 2 (Th2) cells, which is an important mediator of allergic inflammation and disease. The IL-13 gene is mapped to 5q23-q31. IL-13 induces its effects through a multi-subunit receptor that includes the alpha chain of the IL-4 receptor (IL-4R?) and at least one of two known IL-13-specific binding chains. This gene acts more prominently as a molecular bridge linking allergic inflammatory cells to the non-immune cells in contact with them, thereby altering physiological function.

Product Info

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

ELISA : 0.1-0.5ÃÂ¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.