

### 39-2004: Anti-IL13 Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Rat
<b>Gene :</b>	Il13
<b>Gene ID :</b>	116553
<b>Uniprot ID :</b>	P42203
<b>Format :</b>	Lyophilized
<b>Alternative Name :</b>	Interleukin-13; IL-13; T-cell activation protein P600; Il13; Il-13
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Immunogen affinity purified.
<b>Content :</b>	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.
<b>Storage condition :</b>	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 : 0.1-0.5 µg/ml