

## IL13

**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:**16kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human IL13

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600

**Catalog #:**A1367

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3596

**Isotype:**IgG

**Swiss Prot:**P35225

**Purity:**Affinity purification

For research use only.

**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]

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