

Product Information

Size:

100ul(100ug)

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:50-1:200

Protein Background:

IL-13 is produced by T cells and is important in the TH2 response. IL-13 targets include B cells, eosinophils, fibroblasts, mast cells and macrophages. IL-13 binds specifically to IL-13R alpha 1 that complexes with IL-4R alpha to form the Type II IL-4R. Jak1 and Tyk2 are activated and signal through Stat3 and Stat6. IL-13R alpha 2 is a different gene product, lacks the intracellular domain, does not complex with IL-4R alpha and does not signal. The extracellular domain of IL-13R alpha 2 is often elevated in diseased states. IL-13 plays key roles in airway hyperresponsiveness (AHR) of allergic asthma and modulates resistance to parasitic organisms.

Gene ID:

IL13

Uniprot

P35225

Synonyms:

IL13; ALRH; BHR1; IL-13; MGC116786; MGC116788; MGC116789; P600

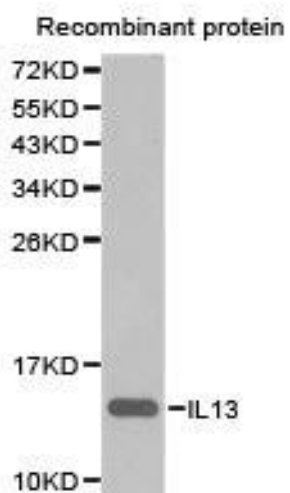
Immunogen:

Recombinant protein of human IL13.

Storage:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of recombinant rotein using IL13 antibody.