

Recombinant IL4/IL-4/Interleukin-4 Monoclonal Antibody

catalog number: AN300029P

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

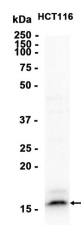
Reactivity	Human
Immunogen	Recombinant Human IL4/IL-4/Interleukin-4 Protein
Host	Rabbit
Isotype	IgG
Clone	A1139
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

Recommended Dilution

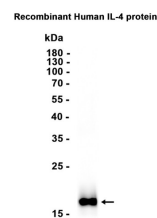
WB: 1:1000; ICC/IF: 1:200-1:500; FC: 1:100

Data



Western blot analysis of extracts from HCT116 cells at 1:1000.

Observed-MW:17 kDa
Calculated-MW:17 kDa



Western blot analysis of Recombinant Human IL-4 protein at 1:1000.

Observed-MW:17 kDa
Calculated-MW:17 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. This gene, IL3, IL5, IL13, and CSF2 form a cytokine gene cluster on chromosome 5q, with this gene particularly close to IL13. This gene, IL13 and IL5 are found to be regulated coordinately by several long-range regulatory elements in an over 120 kilobase range on the chromosome. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

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