

## IL-4 Polyclonal Antibody

<b>Catalog No.</b>	IPB3903
<b>Reactivity</b>	Human; Mouse;
<b>Applications</b>	WB; ELISA
<b>Dilution</b>	WB: 1:500-1:2000    ELISA: 1:5000
<b>Gene Name</b>	IL4
<b>Protein Name</b>	Interleukin-4
<b>Human Gene Id</b>	3565
<b>Swiss-Prot</b>	P05112
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Secreted
<b>MW</b>	17492
<b>Background</b>	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

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